International 99/4 Users-Group

EDUCATION • ENTERTAINMENT • PERSONAL ENRICHMENT

OWNER WRITTEN AND TRANSLATED SOFTWARE CATALOG

DISK, CASSETTE AND HARD COPY PROGRAMS FOR THE TI 99/4, 99/2 and CC40.

INTERNATIONAL 99/4 USERS-GROUP ■ P.O. BOX 67 ■ BETHANY, OKLAHOMA 73008 ■ (405) 948-1023

Please Use
Owner-Written Form

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International Users-Group Library Services
116 Carl Street
San Francisco, CA. 94117
(415) 753-1194

From time to time programs in this catalog may be updated or deleted without notice to our members. The International 99/4 Users-Group cannot be held responsible for replacement of more programs than were actually ordered.

International 99/4 Users-Group
P.O. Box 67
Bethany, OK 73008

Regular Price List

Prices Effective April 15, 1983

MODEL	NAME	SUGGESTED RETAIL	USER-GROUP PRICE
CONSOLE			
†PHC 002	TI-99/2(2)	99.95	85.00
PHC 004A	TI-99/4A Home Computer w/Color TV Adapter	450.00	300.00
PERIPHERALS			
PHP 1200	Peripheral Expansion System	249.95	196.00
PHP 1220	RS-232 Card	174.95	138.00
PHP 1240	Disk Controller Card (One Disk Manager Cartridge packed with each Disk Controller)	249.95	196.00
PHP 1250	Expansion System Disk Drive (Disk Drive Controller required)	399.95	315.00
PHP 1260	Memory Expansion Card (32K RAM)	299.95	236.00
PHP 1270	P-Code Card (32K RAM Memory Expansion required)	249.95	196.00
PHP 1280	Pascal Development System(1)—Includes PHP 1270, PHD 5036, PHD 5064 and PHD 5065 (32K Memory Expansion, Disk Drive and Controller are required)	499.95	410.00
†PHP 1300	HEXBUS™ Interface (For use with TI-99/4A only)(2)	59.95	48.00
PHP 1500	Solid State Speech™ Synthesizer	149.95	128.00
PHP 1600	Telephone Coupler (Modem) (RS-232 is required)*	199.95	190.00
PHP 1850	Disk Memory Drive (Disk Drive Controller is required)	499.95	410.00
PHP 2500	TI Impact Printer	750.00	595.00
PHP 2700	Program Recorder(1) (Includes PHA 2622)	69.95	56.00
PHA 4100	10" Color Monitor	399.95	361.00
HEXBUS™ Interface Peripherals	(For use with either TI-99/4A or TI-99/2) (Requires PHP 1300 for TI-99/4A)		
†HX 1000	Printer/Plotter (2) 4 Color — Rechargeable Batteries	200.00	160.00
†HX 2000	WAFERTAPE™ Digital Tape Drive (2)	140.00	119.00
†HX 3000	RS-232 Interface (2)	100.00	81.00
†HX 3000/P	RS-232 Interface w/Parallel Interface Option(2)	125.00	109.00
OPTIONAL ACCESSORIES			
PHP 1100	Wired Remote Controllers (Joysticks) (Pair)	34.95	29.00
PHA 1950	Thermal Paper (2 Pack)	9.95	8.00
CABLES			
†PHA 2620	Serial RS-232 Y-Cable(1)	34.95	31.00
†PHA 2621	Parallel Cable (For use with PHP 2500)(1)	24.95	23.00
†PHA 2622	TI-99/4A Single Cassette Cable(1)	14.95	13.00
†PHA 2623	External Disk Drive Cable (1)	9.95	9.00
†PHA 2624	Serial RS-232 Cable(1)	29.95	27.00
†PHA 2625	Internal Disk Drive Cable(1)	9.95	9.00
†PHA 2626	TI-99/2 Cassette Cable (1)	8.95	8.00
DATA STORAGE			
†PHA 2660	Cartridge Storage Cabinet (1)	14.95	13.00
TI IMPACT PRINTER			
†PHA 2670	Impact Printheads(1)	54.95	51.00
†PHA 2671	Impact Printer Ribbons(1)	14.95	13.00
†PHA 2672	Impact Printer Paper (1)	19.95	18.00
HEXBUS™ ACCESSORIES			
†AC 9201	AC Adaptor for WAFERTAPE™ Digital Tape Drive (2)	15.00	14.00
†WT 50	50' Blank WAFERTAPE™ Cartridge (2)	8.00	8.00
†WT 25	25' Blank WAFERTAPE™ Cartridge (2)	7.00	7.00
†WT 10	10' Blank WAFERTAPE™ Cartridge (2)	6.00	6.00
†WT 05	5' Blank WAFERTAPE™ Cartridge (2)	5.00	5.00
†PARAKIT	Parallel Upgrade Kit for RS-232 Interface (MX-3000)(2)	30.00	28.00
†HXC 36	36" Input/Output Cable with HEXBUS™ Connector(2)	10.00	9.00
†PP HX1000	5 Pack of Compact Paper Rolls for Printer/Plotter (HX-1000)(2)	3.25	3.00
†PEN 1000CA	Pack of Three Pens for Printer/Plotter (HX-1000), 1 Each of Red, Blue and Green(2)	4.00	4.00
†PEN 1000BL	Pack of Three Black Pens for Printer/Plotter (HX-1000) (2)	4.00	4.00

MODEL	NAME	SUGGESTED RETAIL	USER-GROUP PRICE
INSTRUCTIONAL MATERIAL			
PHA 2602	Beginner's BASIC Manual (TI-99/4A only)	9.95	9.00
PHA 2603	User's Reference Guide (TI-99/4A only)	9.95	9.00
PHA 2611	Logo Curriculum Guide	49.95	41.00
PHA 2612	Editor/Assembler Manual	14.95	12.00
†PHA 2615	Programming Discovery in LOGO (1)	5.95	5.00
†PHA 2616	TI99/4A Technical Data Manual (1)	14.95	13.00
†PHA 2617	BASIC Programming for Adults (1)	6.95	6.00
†PHA 2618	Programming Discovery in BASIC for Students (1)	5.95	5.00
APPLICATION PROGRAMS			
Information Management			
	Cartridges		
PHM 3006	Home Financial Decisions	29.95	24.00
PHM 3007	Household Budget Management (Data storage system is recommended)	39.95	34.00
PHM 3012	Securities Analysis*	39.95	34.00
PHM 3013	Personal Record Keeping (Data storage system is recommended)	49.95	41.00
PHM 3016	Tax/Investment Record Keeping (Disk system is required)	69.95	56.00
PHM 3022	Personal Real Estate (Data storage system is recommended)	69.95	56.00
PHM 3035	Terminal Emulator II	49.95	41.00
PHM 3044	Personal Report Generator (Data storage system is recommended and PHM 3013 is required)*	39.95	34.00
PHM 3111	TI Writer (32K Memory Expansion, RS232 Printer, Disk Drive and Controller are required) (Available for TI-99/4A only)	99.95	85.00
PHM 3113	Microsoft™ Multiplan™ (5) (32K Memory Expansion, Disk Drive and Controller are required, RS-232 and Printer are recommended.) (Available for TI99/4A only) (1)	99.95	85.00
Education			
	Cartridges		
Texas Instruments Packages			
PHM 3002	Early Learning Fun	29.95	24.00
PHM 3003	Beginning Grammar	29.95	24.00
PHM 3004	Number Magic	19.95	17.50
PHM 3005	Video Graphs	19.95	17.50
PHM 3008	Video Chess	69.95	56.00
PHM 3010	Physical Fitness	29.95	24.00
PHM 3020	Music Maker (Data Storage System is recommended)	39.95	34.00
PHM 3021	Weight Control and Nutrition (Data Storage System is recommended)*	39.95	34.00
PHM 3064	Touch Typing Tutor (Available for TI-99/4A only)	39.95	34.00
†PHM 3109	TI Logo II (1) (32K Memory Expansion is required)	129.95	80.00
Scott, Foresman Reading and Math Packages (Developed by Scott, Foresman)			
PHM 3015	Early Reading (Solid State Speech™ Synthesizer is required)	54.95	46.00
PHM 3043	Reading Fun (Solid State Speech™ Synthesizer is recommended)	54.95	46.00
PHM 3046	Reading On (1)	54.95	46.00
PHM 3047	Reading Roundup	54.95	46.00
PHM 3048	Reading Rally (1)	54.95	46.00
PHM 3082	Reading Flight	54.95	46.00
PHM 3027	Addition and Subtraction I (Solid State Speech™ Synthesizer is recommended)	39.95	34.00
PHM 3028	Addition and Subtraction II (Solid State Speech™ Synthesizer is recommended)	39.95	34.00
PHM 3029	Multiplication I (Solid State Speech™ Synthesizer is recommended)	39.95	34.00
PHM 3049	Division I (Solid State Speech™ Synthesizer is recommended)	39.95	34.00
†PHM 3050	Numeration I (1) (Solid State Speech™ Synthesizer is recommended)	39.95	34.00
†PHM 3051	Numeration II (1) (Solid State Speech™ Synthesizer is recommended)	39.95	34.00
Scholastic Packages (Developed by Scholastic, Inc.)			
PHM 3059	Scholastic Spelling – Level 3 (Solid State Speech™ Synthesizer is required)	54.95	46.00
PHM 3060	Scholastic Spelling – Level 4 (Solid State Speech™ Synthesizer is required)	54.95	46.00
PHM 3061	Scholastic Spelling – Level 5 (Solid State Speech™ Synthesizer is required)	54.95	46.00
PHM 3062	Scholastic Spelling – Level 6 (Solid State Speech™ Synthesizer is required)	54.95	46.00

MODEL	NAME	SUGGESTED RETAIL	USER-GROUP PRICE
THIRD PARTY PRODUCTS, Continued			
PEWTERWARE (Cassette only)			
PTW 0001	Bluegrass Sweepstakes		9.00
PTW 0002	Decathalon		9.00
PTW 0003	Match Wits		9.00
PTW 0004	Challenge Poker		9.00
PTW 0005	Up Periscope (Extended Basic required)		14.00
IMAGE PRODUCERS (Cassette only)			
IMG 9401	Tournament Brick-Bat		9.00
IMG 9402	Wall St. Challenge		9.00
IMG 9403	Wildcatting		9.00
FFF SOFTWARE (Cassette or Disk)			
FFF 0001	TI-Asteroids (Extended Basic required)		17.00
FFF 0002	Shuttle Command (Extended Basic required)		17.00
AMERICAN SOFTWARE DESIGN CO.			
ASD 0345	Ski		14.00
ASD 0336	Laser Shield		14.00
ASD 0347	Space Battle 2056		13.00
ASD 0348	Barnyard Fun		14.00
ASD 0350	3-D Maze (Extended Basic required)		14.00
ASD 0351	Bomb Squad (Extended Basic required)		14.00
ASD 3052	Mr. Frog (Extended Basic required)		14.00
ASD 3053	Wizards Dominion (Extended Basic required)		18.00
ASD 3054	Intrapment (Extended Basic 32K RAM - Min-Mem or Ed/Assm. required DISK ONLY)		18.00
	(Add $2.00 if desired on Disk for all products)		
FUNWARE (Solid State Cartridges)			
FUN 2101	Henhouse		34.00
FUN 2102	Rabbit Trail		35.00
DISK DRIVES			
CAC 1742	Tandon TM100-1 (single sided) Bare Drive for P.E.S. Box		229.00
CAC 1743	Tandon TM100-1 (single sided) Disk Drive w/chassis and cable		315.00
CAC 1744	Tandon TM100-2 (dual sided) Bare drive for P.E.S. Box		315.00
CAC 1745	Tandon TM100-2 (dual sided) Disk Drive w/chassis and cable		375.00
OTHER PRODUCTS			
JSA 7000	Joystick Adapter (Atari or Wico to TI)		15.50
DDA 8000	Denali Backer-Buss		49.00
SRC 1111	SOURCE-TEXNET Service (Reg. Fee)		100.00
DSK 5141	5 ¼" Diskettes 40 Track (5 pack)		18.50
DSK 5080	5 ¼" Diskettes 80 Track (5 pack)		20.50
DSK 5081	5 ¼" Diskettes 80 Track (10 pack plastic case)		39.95
CST 3030	C-30 Cassette Tape w/case (5 pack)		7.75
WIC 1755	Wico 6 ft. Extension Cord		4.95
WIC 1756	Wico 12 ft. Extension Cord		7.95
WIC 9714	Wico Joystick		26.95
WIC 9730	Wico "Redball Joystick"		31.95
MIC 4131	Home Computer Directory		4.95
NHC 1000	Arthropod Editor/Assembler Version		24.95
NHC 1001	AsTIroids Editor/Assembler Version		24.95
NHC 1002	Arthropod Ex. BASIC Version		24.95
NHC 1003	AsTIroids Ex. BASIC Version		24.95
ADDITIONAL ITEMS FROM TEXAS INSTRUMENTS			
PHM 3114	Alligator Mix	39.95	34.00
PHT 6010	Mystery Melody	9.95	9.00

MODEL	NAME	SUGGESTED RETAIL	USER-GROUP PRICE
ADDITIONAL ITEMS FROM TEXAS INSTRUMENTS, Continued			
PHT 6015	Oldies But Goodies I	9.95	9.00
PHT 6017	Oldies But Goodies II	9.95	9.00
PHT 6025	Saturday Night Bingo (Solid State Speech Recommended)	9.95	9.00
PHT 6037	Draw Poker (Extended BASIC Cartridge required)	9.95	9.00
PHT 6004	Programming Aids I	9.95	9.00
PHT 6007	Teach Yourself BASIC	29.95	24.00
PHT 6019	Teach Yourself Extended BASIC (Extended BASIC Cartridge required)	19.95	17.50
PHT 6067	Beginner's BASIC Tutor	29.95	24.00
Adventure International Adventure Series (PHM 304IT required)			
PHT 6046	Adventureland	29.95	24.00
PHT 6047	Mission Impossible	29.95	24.00
PHT 6048	Voodoo Castle	29.95	24.00
PHT 6049	The Count	29.95	24.00
PHT 6050	Strange Odyssey	29.95	24.00
PHT 6051	Mystery Fun House	29.95	24.00
PHT 6052	Pyramid of Doom	29.95	24.00
PHT 6053	Ghost Town	29.95	24.00
PHT 6054	Savage Island I & II	39.95	34.00
PHT 6056	Golden Voyage	29.95	24.00

Prices subject to change without notice.

(1) Estimated availability in First Quarter 1983
(2) Estimated availability in Second Quarter 1983
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(4) The Attack, Blasto, Hustle, ZeroZap, Connect Four, Hangman and Yahtzee are trademarks of Milton Bradley.
(5) Developed by Microsoft™, Inc. Multiplan™ is a trademark of Microsoft™, Inc.
(6) UCSD, UCSD Pascal and UCSD p-System are all trademarks of the Regents of the University of California.
(7) Othello is a trademark of CBS Toys.
(8) Course is designed to be used with a circuit Analysis I textbook.
(9) PLATO is a trademark of Control Data Corporation
† Product not available. Please order only when advised by International Users Group

All Prices include Shipping in Continental United States

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NOTE: The Suggested retail prices are suggestions only. It is the customer's responsibility to independently determine the selling price.

SEND ORDER AND MAKE CHECK PAYABLE TO:

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P.O. Box 67
Bethany, OK 73008

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CASSETTE LOADING

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IT IS ALSO HIGHLY ADVISABLE THAT AS YOU LOAD EACH OWNER WRITTEN PROGRAM INTO YOUR CONSOLE FOR THE FIRST TIME THAT YOU MAKE A BACK-UP COPY IN CASE ACCIDENTAL ERASURE SHOULD OCCUR. THIS BACK-UP PROCEDURE ALSO INSURES MORE ACCURATE LOADING PERFORMANCE ON MATCHED SYSTEM COMPONENTS.

TO LOAD AN OWNER WRITTEN & TRANSLATED PROGRAM SIMPLY FOLLOW THE INSTRUCTIONS WHICH ARE PROVIDED ON PAGE I-10 OF THE USERS REFERENCE GUIDE THAT WAS PROVIDED WITH YOUR COMPUTER.

WE SUGGEST THAT YOU SET BOTH THE TONE AND VOLUME CONTROLS OF YOUR TAPE RECORDING EQUIPMENT TO NEARLY THEIR MAXIMUM SETTINGS WHEN LOADING OUR TAPES. WE HAVE ASSERTAINED THAT IN MOST INSTANCES WHEN THE ERROR MESSAGE "NO DATA FOUND" APPEARS IT NORMALLY INDICATES THAT THE TONE AND VOLUME CONTROLS OF YOUR TAPE RECORDER ARE SET TOO LOW. WHEN THE ERROR MESSAGE "ERROR DETECTED IN DATA" APPEARS IT NORMALLY INDICATES THAT THE TONE AND VOLUME SETTINGS ARE TOO HIGH.

DIFFERENT RECORDING EQUIPMENT PERFORMS IN DIFFERENT WAYS AND IT IS UP TO THE INDIVIDUAL OWNER TO DETERMINE PROPER TONE AND VOLUME CONTROL SETTINGS FOR THEIR EQUIPMENT.

USER INSTRUCTIONS

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PROGRAMS LISTED ON THE DISKETTE CATALOG ARE LISTED BY PROGRAM NUMBER RATHER THAN PROGRAM NAME. PLEASE REFERENCE THE OWNER WRITTEN SOFTWARE CATALOG FOR CORRESPONDING NAME AND DESCRIPTION.

THE INTERNATIONAL USERS-GROUP HIGHLY ADVISES THAT THE FIRST TIME YOU LOAD OUR PROGRAMS FROM YOUR DISKETTE THAT YOU MAKE A BACK-UP COPY IN CASE ACCIDENTAL ERASURE SHOULD OCCUR.

TO LOAD DISKETTE SOFTWARE SIMPLY FOLLOW THE INSTRUCTIONS ON PAGE 29 OF THE DISK MEMORY SYSTEM MANUAL PROVIDED WITH YOUR DISK CONTROLLER CARD PHP1240.

SOME DISKETTE BASED PROGRAMS MAY EXCEED THE MEMORY LIMITATIONS OF THE 99/4 AND THE 99/4A WHEN LOADED WITHOUT USING THE CALL FILES COMMAND WHICH IS EXPLAINED ON PAGE 36 OF THE DISK MEMORY SYSTEM MANUAL. IF YOU EXPERIENCE A "MEMORY FULL ERROR" OR I/O ERROR 02 PLEASE REFER TO THIS SECTION OF YOUR MANUAL.

LIMITED WARRANTY

HARDWARE

WARRANTY ON OWNER USER WRITTEN & TRANSLATED SOFTWARE COVERS THE CASE COMPONENTS OF THE SOFTWARE PACKAGE ONLY. THE COMPONENTS INCLUDE ALL CASSETTE TAPES, DISKETTES, PLASTIC CONTAINERS, AND ALL OTHER HARDWARE CONTAINED WITHIN AN INDIVIDUAL ORDER. THIS LIMITED WARRANTY EXTENDS FOR THREE MONTHS AND DOES NOT EXTEND TO THE PROGRAM CONTAINED WITHIN THE SOFTWARE MEDIA AND ANY ACCOMPANYING DOCUMENTATION.

THE HARDWARE IS WARRANTED AGAINST MALFUNCTION DUE TO MATERIALS OR CONSTRUCTION. THIS WARRANTY IS VOID IF THE HARDWARE HAS BEEN DAMAGED BY UNREASONABLE USE, NEGLECT, IMPROPER SERVICE, OR OTHER CAUSES NOT ARISING OUT OF DEFECTS IN MATERIAL OR CONSTRUCTION.

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LIMITED WARRANTY

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GAMES

1001 BIBLE I
A guess who I am game about Bible characters

1002 BIBLE 2
A different program written to be used with a printer. The better of the two.

1003 BLACK-JACK
Deal the cards 21 is the big winner here.

1004 CARS AND CARCASES
One of our BEST!! Drive your car around the screen and try to run over the Monsters.

1005 CIVIL WAR
Try to alter the course of history.

1006 CRAPS
Place your bets and Roll those Bones.

1007 GUESS PHRASE
You try to guess well known phrases. Can be played by 2

1008 HANGMAN
Face the gallows on each letter guessed. Get the word right or swing.

1009 LUNAR LANDER
About the most challenging space game you'll find. Master this one and you're ready to fly to the moon.

1010 MASTER
Another one of our BEST!! Match the colors is the way to win in this game.

1011 MONSTER
In this one if you don't guess the correct word the Monster will eat you.

1012 NUMBER GUESS
Simple but nice!

1013 OBSTACLE COURSE
Move your car through the maze to the finish line. This is an excellent program!

1014 PONY
Run this for a day at the race track. Excellent speech in this program.

1015 PRESIDENTS
From clues the computer will give, guess what president it is looking for.

1016 SAILING
This is not an easy program to master but lots of fun. Sail around 3 pylons in the shortest amount of time is the object.

1017 SCHMOO
A fantastic mud throwing contest with Schmoo. This program is a real winner!

1018 SIMON I
Listen for the tone and watch for the colors! Not as easy as it may sound. Another GREAT PROGRAM.

1019 SLOTS
Graphics and music add new interest to this one-armed bandit.

1020 SLOT MACHINE
Pull the one armed bandit and cross your fingers.

1021 TAROT CARDS
If you need your fortune told here is the way. Different words in the sentence.

1022 TAX COLLECTOR
A challenging game against the computers ability to pick factored numbers. Ages 12 and over.

1023 TICK TAC TOE
A two player game where the can can also win.

1024 MATCH-UP
Hidden shapes on the game board need to be found. Ages 12 and over.

1025 MUGWAMPUS
A new twist on a wampus type computer game. Ages 12 and over.

1026 REBOUND
A very interesting game for two. Arrows fly and the first one with 10 points wins.

1027 T.I. WARS
A new and exciting kind of space game.

1028 CAPTURE
A game of logic that involves the capture of an enemy ship not the destruction.

1029 DESERT
An input response program. Object is to cross the desert on a camel without killing the animal or yourself.

1030 CRAZY LINES
One we really enjoy! Don't go out of bounds or cross the opponents line. For 2 players

1031 NIMBLE
A simple game of don't be the one to take the last piece. Not as easy as it sounds.

1032 ROAD RACE
Drive your car through a maze of barriers. Select gear and directions.

1033 WIZ
Based on the parlor game called "Stock Ticker." A 2 player game of finance.

1034 HAMURABI
Control the destiny of a nation! An excellent computer game.

1035 INDIAN
A most challenging game of position and strategy. Ages 12 and over.

1036 LANDING
An input game that requires you to make a soft landing.

1037 SHOOT OUT
You need to get the enemy ship in the cross-hairs before firing.

1038 TOURING
Select road width and driving conditions. Fun for all ages.

1039 SEYMOUR THE MONSTER
An excellent educational word guessing game. Guess the correct letters or be eaten by Seymour.

1040 CANNON
A nifty game. Aim the cannon, set the speed and fire.

1041 STAR-FIGHT
A difficult game to master. But one of the best space games we have. Ages 12 and over.

1042 STARS
A new twist on an old number guessing game. An excellent game for children and adults.

1043 LIFE
A very interesting and thought provoking program. Cells live and die. Ages 16 and over.

1044 CODE BREAKER
A master mind type game. Is difficult to play, but if you can figure it out it's loads of fun.

1045 CAMEL
Similar to the desert game but with more graphics. This is a fun game!

GAMES

1046 ENGLISH TENNIS
A new version of a "Pong" type game for 2 players. Fun for all ages.

1047 U.F.O.
A new input type space game for you Startrek lovers. We think you'll like this one.

1048 NAB
An interesting maze game for any age. Ages 12 and over.

1049 WAMPUS #2
A new version of the Wampus computer game. Ages 12 and over.

1050 YAHTZEE
This adaptation of Milton Bradley's game of Yahtzee is fantastic! Fun for the whole family. 4 can play.

1051 QUEST
The best of several Quest games we have received. Object is to find your way out of a cave.

1052 WAMPUS
Hunt down the Wampus but watch out for the PIT!

1053 WORDSEARCH
Why buy books for wordsearch puzzles when the 99/4 can do it for you? An excellent programming job!

1054 AIR AND SEA BATTLE
A one or two player game. Airplanes and ships move across the screen and try to destroy each other. The player with the most hits wins.

1055 ANIMAL
A game with some educational value, you try to fool the computer. Watch as your computer stores information and gets smarter as the game progresses.

1056 BOMBS
The basics are here but this game could stand some changes. A real challenge for the amateur programmer.

1057 CHECKERS
Play a challenging game of checkers against the computer. A very well written program.

1058 DUNKSHOOT
Just like the county fair midway! Take aim and fire at ducks, spiders and bullseyes.

1059 FRENCH TENNIS
Try to position the net so the ball goes through. Easy you say! Try this one for skill. A very challenging game.

1060 GOLF
Play a challenging game of golf at the 99/4 Country Club. The computer even lets you choose your own clubs. Entertaining for the entire family.

1061 HEXPAWN
Match wits against the computer. Try to advance your men in a 3 x 3 square before the computer beats you.

1062 QUEEN
Based on the moves of a chess queen. This game is hours of strategy and fun.

1063 SQUARES
An interesting game for two or more players. The object is to collect as many points as possible through a maze created by the computer.

1064 DOCKING
You must land your space ship on earth through a maze of stars. You have limited use of your lasers so be sure you know the way. A great game for 10 and over.

1065 ARTILLERY
A super game for 12 and over. Strategy and planning aid you in destroying the enemy. Great graphics!

1066 DRAGONMAZE
One of the best maze games we have seen! This is a real memory buster which pits the player against the computer. You must move through the maze before the dragon catches you.

1069 GOMOKO
Strategic board game matching your mind against the computer or another player. First player to place five of his markers either horizontal, vertical or diagonal wins! For 12 and older.

1070 OTHELLO
In this challenging board game you will see some of the best 3-D graphics the 99/4 can produce.

1071 ROBOT
A game designed for 1, 2, or 3 players is fun for the entire family. A super graphic and animation program.

1072 SINKING SHIPS
A battleship type game that is fun for the family. Sink all the ships and you win the game. Ages 10 and older.

1073 GUNNERS
A two player game. Find where the enemy guns are hidden is the object.

1074 LANDER
An interesting game that requires you to judge the burn of your rocket engines in order to make a soft landing on the planet.

1075 REVERSI
A very challenging board game for ages 12 and over. The object of the game is by changing the other players color to end up with the most chips.

1076 ONE-ARM
This new slot machine game is loaded with hours of gaming fun. Gamble as though in Vegas without leaving your home!

1077 PAR-2
This fun golf game requires the players to sink the ball in the hole with only 2 strokes! Two players - fun for all ages.

1078 QUANTAL
A two player game. Each player must either turn on or off a series of switches.

1079 VERBOTEN
An educational game for two players which deals with the alphabet.

1080 LAPIDS
Game suggested for beginners or young children. Object is to remove rock from a pile.

1081 MONSTER COMBAT
The object is to capture treasures and move through a maze full of monsters that you must conquer.

1083 ROBOT CHASE
The object is to escape from several robots by using a series of moves. You can destroy them by running into fence posts. Hours of great fun.

1084 TANK FIGHT
Although this two player game does not have any scoring and at times it is hard to tell who hit who, it is still loads of fun.

1085 THE CHASE
A real thinkers game. The object is to track down, intercept, and shoot a target. It requires you to solve algebraic problems in your head while playing. A very interesting and entertaining program. Suggested for 16 and older.

1086 FOOTBALL
This text only game is fun for all. You will have to list program for instructions.

1087 ISLAND
Go on a treasure hunt on a South Sea island, in this text only program. This one is very challenging. Suggested for ages 16 and over.

1088 J C L SQUARES
A very professionally written program in which you must connect the dots to form squares. Fun for all.

1089 KING
One of the best text only programs we have. Rule your Kingdon wisely and be rewarded; fail and you die.

GAMES

1090 LEXICALITY
Lexicality is a word building game for up to 4 players. Object is to make words of as many letters as possible.

1091 PUZZLE 15
A popular traveling gram now brought to your computer. Object is to arrange 15 numbers in sequential order in the least amount of moves. An excellent program for all family members.

1092 ZAP-A-BALL
An excellent game that requires 2 players to possess quick hand-eye coordination. Object is to move your ball from entering your side of the screen.

1093 DEPTH CHARGE
A challenging game that requires the user to destroy a hidden submarine by plotting coordinates. This text only program is for ages 10 and older.

1094 GOING HOME
From one of our users in Hong Kong, this very interesting ad challenging board game is a real winner. The first player to bring his square home wins. Suggested for age 10 and older.

1095 NUMBERS AWAY
Another game from Hong Kong! This simulates the popular T.V. game Gambit. An excellent programming job here.

1096 AWARI
Pit yourself against the legendary Umlala Kubui in the ancient African game of Awari. An excellent programming job here.

1097 ONE CHECK
48 checkers are placed on the outside spaces of a 64 square checkerboard. Object of the game is to remove as many checkers as possible.

1098 AIR COMBAT
An excellent program we are sure you'll enjoy. Fly your plane off the deck of an aircraft carrier to do battle with enemy planes.

1099 BATTLE FOR IAPETUS
An interesting graphic game in which you try to destroy all of the other players gun positions. Ages 12 and older. This game is one which will not bore you easily.

1100 SCORCHER
You are trapped in a field enclosed by an electric fence, surrounded by 40 fast moving scutters, you must scorch them before they scorch you. An excellent game for ages 10 and over.

1101 ALIENS
A challenging space game in which you must destroy enemy targets as they move down and across your screen. Speed is fair and we like this one.

1102 DEEP-SPACE
This text only space game is a real challenge. Suggested for the 16 and older age group.

1103 SPLAT
Test your ability to free fall parachute on several planets. You set the time of the fall and hope you don't splat. A nifty game.

1104 WHITE HOLES
One of the best maze games we have seen. The object is to find all the white holes and destroy them. Not an easy win here. Suggested for 16 and older.

1105 LINE UP
To win this game arrange a random set of numbers into numerical order from left to right. Not as easy as it may sound. A good game.

1106 SNARK
In this text only game you hunt the snark who is hiding in a 10 x 10 grid.

1107 CHIEF
The great chief will do a number trick and a card trick for you. Entertaining program.

1108 DEATH-TANK
Play this two player game for hours. Each player commands a tank and the object is to destroy the opponents tank. A bit slow, but fun.

1109 BONKERS
As the title screen says this game is designed to drive you Bonkers. Another one of Gene Hitz' fantastic programs it's hours of fun.

1110 HELICOPTER RESCUE
You must fly your helicopter to a building, pick up a body and deliver him to the hospital. Press enter to pick up body and land on top of chimney and press enter to deliver body.

1111 SPACE-SHOOT
Chase the alien spacecraft around the screen and destroy him with your laser fire. Operator must have good, quick reactions to win this game.

1112 MOTOCROSS
Excellent! Excellent! A fun game for the entire family. Race your motorcycle around different tracks.

1113 HANGMAN & SPELLING
A very good hangman game that does not require speech. Ages 6 and up.

1114 CHECKERS #2
An excellent game with well thought out Keyboard entry. Exceptional graphics and speed. A great game for the entire family.

1115 DICE ROLL
A simple program that graphically displays dice rolls of one, two, or three dice. Great for any game which you use dice with.

1116 HOME RUN
Every pitch is a potential out or home run. A good game and fun for the younger ages.

1117 ECHO CHAMBER
Some real interesting sounds of this twist on a Simon type game. An excellent 1 or 2 player game.

1118 KENO
The Las Vegas favorite of Keno now comes to the 99/4. Just as in the actual game the more numbers you guess right the more you win.

1119 LASER WINS
An excellent game, in which you must get the enemy ship in your crosshairs then fire before he gets you. Plenty of fun here! Ages 10 and older.

1120 THE LUCAS PROBLEM
The object of this game is to exchange the positions of two sets of markers to place in the correct order. The object is to do it in the least amount of moves.

1121 MATCH GAME
In this text only game you play "Fill in the blanks" just like the T.V. match game. The questions are silly but the game is fun.

1122 BATTLESHIP
Enjoy this one-player battleship game. Sink all the ships in the least amount of shots.

1123 STELLAR
Text game that requires the operator to command a spaceship and crew to other planets. Object is to explore, discover, and avoid perils.

1124 STAR-GUARD
This challenging program actually contains two additional programs to assist you. A fun and exciting game that requires you to fire your laser at alien targets. The "rules program" will explain the rules and "boot score" program will keep track of highest score to date.

1125 STOCK MARKET
Text game that allows you to play the Stock Market without ever losing real money.

1126 BOXING
Try to knock out your opponent in this terrific game. Super program with directions included.

1127 IN-BETWEEN
Computer program that will deal the famous "In-Between" card game. Super graphics.

GAMES

1128 TIME BOMB
Text game that requires the user to disconnect one of ten wires to disengage the bomb. Be careful, disconnecting the wrong wire will cause the bomb to explode.

1129 DOMINOS
Play dominos against the computer. The number are substituted with letters. Excellent programming job and fun game.

1130 ORBIT
A game of limited graphics. You must deduce where the hidden aliens are and direct your fire toward them. A good program to teach sense of direction and distance.

1131 MINEFIELD #2
Revision of the old minefield game. You must go from one end of the screen to the other. Very challenging.

1132 MINER
This is one of our best! Excellent graphics and a fun game. Dig for gold to become rich -- but don't cave in. Professional programming job.

1133 SCRAMBLE
Word games for ages 10 and up. Try to find as many words as possible in three minutes. Also a reverse game.

1134 KNIGHTS
Word text game that requires you to place the Knights, Knaves, and Numskulls in the right order by determining statements that are true and false -- Good time.

1135 PSYCHOLOGY
You and the computer each have 10 numbers in this text only game. The object is to play the most numbers. A very good game for ages 10 and up.

1136 CONNECT FOUR
Similar to the Milton Bradley game, this basic program is very well written. Object is to connect four. A very good game for ages 6 and up.

1137 DODGEM
An excellent graphic maze game type game we are sure you will enjoy. From keyboard input control where you go. Ages 10 and up.

1138 SPACE SCOUT
One of the best space games we have. Graphics are excellent but need a little more instructions. A must for those of you who are into space games. Great!

1139 SUPERMAN
In this text only game you must destroy 10 super-villians around the city. A very exciting game for the 16 and over age group.

1140 MOTORCYCLE JUMP
In this simple text only program you judge your speed and incline in and effort to jump buses.

1141 ONE OR TWO
A one or two player game with hours of playing fun. Try to out smart the other player in removing pieces from the game board.

1142 BATTLERS
A two player game that is loads of fun. Very colorful graphics. Object is to destroy the other player. An excellent game.

1143 NOMAD
Another one of the better text only games that we have. By prompts from the computer you must locate Grandma's house. Ages 16 and older.

1144 YAHTZEE-28
The same great program as 1050 but adapted to use only 28 columns of the screen.

1145 MOUSE IN A MAZE
An excellent program for users 12 and older. The object is to work your mouse through a maze and find the chunk of cheese. A very tricky maze game.

1146 ALPINE SKIING
Choose from 6 different levels of difficulty and two different courses as you try to master the down-hill race. Great graphics and loads of fun for the entire family.

1147 PHASERED
A Hangman type game in which you must identify words that were used in the popular Star Trek series. If you don't guess the word you are phasered.

1148 BACKGAMMON
Move your stones on the playing board as the computer randomly selects the dice rolls. A great game.

1149 CONNECT THE DOTS
The object of this little game is to connect the dots in a 7 x 7 grid. The one to complete the most squares is the winner.

1150 ACY-DUCEY
Great cards graphics in this porgram which asks the user to bet whether he can hit a card in-between the two cards the computer displays. Fun for all ages.

1151 BLACK BOX
An excellent program to test your memory skills and skills of deduction. The object is to find atoms hidden in the Black Box by injecting rays. Best for 16 and older.

1152 3D TIC-TAC-TOE
As good or better than the T.I. program of the same name. Great programming here.

1153 BOMB SCARE
In this text-only game you are required to find a bomb located in one of 1,000,000 rooms from the signals it gives off. The closer you get the stronger the signal. you have 20 tries. A real fun game.

1154 DRACULA
An interesting game from one of our West German users. The object is to avoid Dracula as long as possible before being caught. Fun for all ages.

1155 KNIGHTS TOUR
Played on a chessboard, the object is to land on as many squares as possible, using any moves the Knight is allowed in chess. An interesting and thought provoking game.

1156 MARS LANDER
An interesting game for the younger set. Use the arrow keys to make a soft landing on Mars. Ages 6 to 16.

1157 SWORDS & SORCERY
In this text-only game you must escape many dangers while fighting for your life.

1158 ANTI-AIRCRAFT GUNNER
The object of this game is to destroy as many aircraft as possible. You may move your gun but be careful the plane has a built-in radar system. Suggested for 10 and older.

1159 DEVILS DUNGEON
An excellent text-only D&D type game. The object of the game is to acquire as much gold as possible while avoiding monsters. One of our favorite text games.

1160 BLOCK 'EM
A two player game in which the object is to block out your opponent. Fun for any age.

1161 NAVAGATE
Fun to play but not easy to get a high score, this game requires skill and dexterity.

1162 MONSTER CHASE
An interesting game in which monsters chase you around the screen. You may destroy them but it's not easy. Suggested for ages 12 and older.

1163 MAN EATING RABBIT
This text-only game pits you against a man eating rabbit. If you are able to avoid the rabbit for 10 moves you win. A very interesting game.

GAMES

1164 TAIL
In this game you must capture diamonds without retracing your steps. A great game for the entire family.

1165 TAIL
The same game as #1164 but designed to run with a disk system.

1166 EXTENDED BLACKJACK
You will find excellent graphics in this Las Vegas style BLACKJACK game. You will also need some real luck to beat the house.

1167 ROCKETT LAUNCH
The object of the game is to launch your rocket at a precise time enabling it to hit the Jet Plane above you. Scoring includes attempts, hits, misses and percentages. Good graphics and good speed.

1168 SPANISH BATTLESHIPS
From our friends at Texins de Columbia in Bogota Columbia SA, comes this all Spanish version of the ever popular Battleship game. Very well written and a great Educational tool for learning some Spanish.

1170 ROULETTE II
An exciting trip on the Wheel of Fortune - Las Vegas Style betting is used in this game of chance.

1171 SKI SLOPE
An interesting game of downhill skiing. Suggested for ages 6 and up. Quick response is needed to achieve a high score.

1172 SPACE BELT
Drifting in deep space your mission is to destroy all enemy targets in this colorful game. Good speed and graphic effects in this basic game.

1173 FLYING SPRITES
An almost impossible game that requires the player to capture letters or numbers as they fly across the screen. A built-in timing feature add an additional challenge.

1174 KISMET
Simular to YAHTZEE, but with colored dice. Kismet provides a challenge for up to 4 players. A good family game.

1175 MUNCH
In this Basic game you must clear all of the dots from the maze board to win. Could use some type of scoring system and be a bit more challenging.

1176 ROBOTWARS
Simple but Interesting! Move to avoid being destroyed by the Killer Robots.

1177 CLOSE ENCOUNTERS
This text only game is good for those of you who enjoy Operation Fail-Safe Type Programs. Fairly easy but a good game.

1178 FIRE
You must try to stop a raging forest fire in this super text only game. You can choose to use a backfire of use chemicals, but you must put out the fire.

1179 SAD FACE
A dice game with a new twist. Try to roll 50 points before the computer does. BUT - if the SAD FACE comes up you loose your points that round.

1180 NOT ONE
A dice game against the computer. Pick the number of rounds you wish to play and either roll or pass to achieve the highest score.

1181 POKER
Excellent game of 5 card draw against the computer. Draw up to 3 cards with a $5.00 betting limit.

1182 CRAZY CLOWN
An excellent program for pre-school children. Choose from four different games. A wonderful program.

1183 COOTIE
One of the all time favorite parlor games comes to life in this excellent program. Suggested for ages 6 and up.

1184 OTHELLO II
This one comes with complete playing instructions and offers 3 levels of difficulty. Two players, or play against the computer. Level 3 is HARD TO BEAT.

1185 PIN THE TAIL
A very well done game that is great for children's parties. Screen shows Donkey, then goes blank for you to try to relocate.

1186 SMILEY
Move around the screen gathering points while you avoid being eaten by a persuing "SMILEY FACE" critter.

1187 SPACE GEM
A recent pick as one of Charlie's Choices. This is a very good but difficult game to master. Sprite graphics show you space ship as you try to avoid crashing into other ships.

1188 CIPER
A new code breaker game that is not easy to master. A little short on instructions, but very interesting. You have to guess a 4 color-code sequence.

1189 ISOLATE
A graphic board game for 2 players. Thinking power and skill are required to win. Very well done.

1190 SCORE 4
Similar in nature to Milton-Bradley's Connect 4. This Basic game is great family entertainment.

1191 IMPERIAL LANDER
Excellent graphic effects! You must leave the mother ship, then land on the Planet Zira. After landing, you must then return to the mother ship. Suggested age: Around 10 and older.

1192 SHOOTING GALLERY
A neat program that could stand a scoring system. Fun for children as well as adults. Shoot at card suites and watch them disappear.

1193 TREK
Shoot at your enemy with phasers or torpedos. Dock at your Home Base to refuel. Impulse and warp drive capabilities are all included in this great Basic game.

1194 CHICKEN HELPER
If you have an Extended Basic you will want this one for your Software Library. Programed by the brothers Beljaff, CHICKEN HELPER is a real delight. OBJECT: To get the chicken to the other side of the road.

1195 RESCUE CHALLENGE
Try to rescue a friend on a damaged spacecraft before it is pulled into the sun. A very challenging game for 16 and up.

1196 ALIEN
A well done game in TI Basic. Shoot down the flying saucer before it gets you. Graphic styling is in a "Space Invader" Format. Good speed and Great Action.

1197 PART TIME
From the Queen's lands in Australia, comes this nifty Horse Race Program. Place your bets and watch the ponies race across the screen.

1198 CONCENTRATION
An excellent game of Concentration with 4 different skill levels. 48 Squares hide letters that you must reveal then match. An excellent mind builder.

1199 EGG WARS
This is an unbelievable game of fun and dexterity. Princess LAY-A is in trouble and needs your HELP. Superb graphics are used as you find that you can't put all your eggs in one basket. Fun for all ages.

1200 TRENCH
Authored to be nearly IMPOSSIBLE to win, this war game is a real challenge. Based on a WWI Battlefield situation, TRENCH will be played again, and again, and again.

GAMES

1201 WARFISH
An exciting under sea game that can be enjoyed by the entire family. The object of the game is to sink as many enemy ships as possible before they sink you. Options allow you to attack and dive to avoid destruction.

1202 ANT WARS
Test your escape skills against deadly yellow ants in this fun filled basic game. Fast action and good graphics make this game a real winner.

1203 BREAK
A 2 player text only game in which each player loads weight to the camels back. The player who exceeds the 150 pound limit, and brakes the camels back, looses.

1204 TI DOGFIGHT
A two player game in which you and a friend are in control of jet fighters. Full screen action make this game very exciting.

1205 CHICKEN #2
Similar to Chicken Helper, this game uses larger sprites and allows left and right movement. An excellent game.

1206 DRAGON HUNT
From one of our Canadian members comes this basic game for small children. Object of the game is to capture the dragon.

1207 ALIEN 3
UFO's have been spotted over Washington D.C. and you are charged with the Capitol's defense. Good sprite action.

1208 AUOTBAHN
Programmed by a 99/4 owner in West Germany, Autobahn offers fun for the entire family. Good graphic effects and good speed for a basic game.

1209 APPOLLO
Although this game lacks instructions, it is an excellent game to play. Hint: you will only need to press one key. Remember where your fuel stations are, and don't turn more than 360 degrees. Programmed in Basic, we are sure you will enjoy it.

1210 STARDOGER
Excellent use of sprite graphics make this game loads of fun. Lost with a computer controlled ship in an asteroid shower, you must maneuver your ship away from the asteroids to score.

1211 S/A MISSILE
A super two player game which can be played from the keyboard. Choose the amount of missiles you want, and start firing at enemy aircraft over the city.

1212 EXTENDED GOLF
This graphic golf course shows location of your shots, and allows different swing strengths. An excellent game for the entire family. A superb programming job.

1213 BACCARAT
Chemin de Fer Madame and Maseur for the high stakes game of Baccarat. A fantastic card game for the computer.

1214 HOT-DOG
Hot-Dog needs your help in crossing the busy freeway. This is an excellent game for all ages, and menu selection allows different difficulty settings. Super graphic.

1215 SPACE VENTURE
An excellent space game, but the action is a little slow. Good graphic effects, and holds the users interest.

1216 TANK SHOT
From a West German member comes this great basic game! The object is to remember what key fired the right rocket. Excellent speed and graphics.

1217 ZAN QUEST
You are charged with destroying an enemy fortress and you must avoid enemy ships. Enter the fortress, and return to your base. Excellent game and graphics.

1218 DOG RACE
Place your bets at Heist-A-Leg dog track. Pick your favorite, or play a parlay for big wins. Excellent graphics, but a bit slow. Great family entertainment with up to eight players.

1219 SLITHER
An excellent basic game that is similar to T.I.'s Hustle. Fun for the entire family with one or two players.

1220 AIR TRAFFIC CONTROLLER
You are in command of a busy International Airport. As flights arrive, you must assign their holding patterns and direct their landing operations. For ages 12 to Adult. This is an excellent game of skill.

1221 ASTEROID
Good graphics make this Asteroid game fun for the entire family. Similar to the arcade game the object is to destroy all of the space rocks.

1222 WAGON WHEEL
Based on the same principle as the arcade game Donkey-King this game is a real winner. You must save the burning wagon at the top of the screen but watch out for snakes and run away wheels.

1223 WALK IN THE WOODS
A super Basic game that is fun for all ages. Walk through the woods to collect treasure but watch out and don't step on any dead cats.

1224 SPACE COMMAND
Hi-Res Graphics and total use of 99/4A abilities make this game a real joy. You must shoot down the enemy spycraft to defend the galaxy. A GREAT PROGRAM!

1225 CUBE
Manipulate Rubik's Cube using your 99/4A. You can begin with an ordered Cube or have the computer jumble it.

1226 LARGO DOWNS
Place your bets and watch as the ponies run at Largo Downs. Great Graphics! A real professional programming job.

1227 TANK RACE
A two player game of tank battle played out in a random maze.

1228 EX. BLACKJACK
A fantastic Black-Jack program. Great Graphics and some music added in, makes this the best of several Blackjack programs we offer.

1229 CROSS-WORD
A computerized crossword puzzle. Puzzle grid and clues are displayed on your screen. A good program.

1230 DIMENSION DOORS
A text only Ex. Basic game for one player that requires you to hunt down a Magician who is hiding behind one of them. A good adventure game.

1231 CAT AND MOUSE
Great Graphics and Great speed make this cat and mouse space game fun for the entire family. Joysticks are required. We like this Game!

1232 POTSHOT
Based on the same principle as the TI Command Module Video Games, this program is a real Blast. Align your sights on the target and fire. Fun for all ages.

1233 SPACE DUEL
A very well thought out two player game. Dogfight with your opponent while trying to avoid collisions with asteroids. Speed is fair and programming is Great!

1234 SPACEWAR
A two player game in which you must outmaneuver your opponent. Mines and Transporters make this game all the more exciting.

1235 TRANKS
A great little basic game in which you try to block in your opponent. Mines and Transporters make this game all the more exciting.

1236 ASTEROID BELT
An excellent space game with vivid graphics. You must avoid the asteroid field and reach the heavens after you pick up a passenger. Fun for all ages.

GAMES

1237 PARTY GAME
An adult board game of drinking, stripping and fondling. Done in good taste! For 99/4A only.

1238 CLONES
In this Basic game you need to gather treasure while avoiding all kinds of creatures. Excellent Graphics and Speed for a Basic program.

1239 INVASION
From West Germany this game is sure to become one of our most requested. Programmed in Basic it offers Great Speed and can be enjoyed by any member of the family.

1240 INDY-500
Pass on the inside or outside but you must avoid hitting other cars on the track. Scoring and timing features built in. Great race action.

1241 SPACE GUARD
Another real good space game which can be played by almost anyone. Timing and scoring features built in. Great race action.

1242 ALIEN DESTROYER
By far the best use of graphics we have seen in a game program. This game is a must for all of you who have an Ex. Basic, Exceptional Speed and visual effects. A Super Program!!!

1243 SPACE ATTACK
A little slow but a good Basic space game for ages 6 and over. Nice Graphics.

1244 MOLASSES MAN
All of the caricature definitions are there and so is the maze, but the speed is so slow that the auther named it right. This program could be a real challenge to all you Ex. Basic programmers. NO BUGS JUST SLOW!

1245 BLOCK BUSTER
A Break-Out style game that can be played from the keyboard. Fair Speed and Good Graphics.

1246 BEAST KILLER
An interesting game of skill for 8 years and up. Requires dexterity.

1247 FREEWAY
A speedy and interesting challenge to your rapid coordination ability. Get across the freeway and choose large or small trucks!

1248 ROAD MAZE
In Ex. Basic a very smooth running game maneuvering about the maze. In regular Basic runs rather choppily.

1249 LUNAR LANDER
An Extended Basic version of program #1009.

1250 TI WARS
An Extended Basic version of the popular #1027.

1251 CHECKERS
The Extended Basic version of #1114. Runs faster and smoother.

1252 NAVIGATE
Extended Basic version of #1161. With JOYSTICK you have a much finer control of the game. Runs much more smoothly.

1253 YAHTZEE
A new version of the old game for those who want to try something new.

1254 B-1 BOMBER
A text only game that will challenge your mental math skills. Requires good memory retention (your own) and skill. Not for tiny tots.

1255 FASTBLAST
Hit the target at that split second it is in your sights. Requires a high level of coordination and skill.

1256 GRAVITY
A delightful game for all ages, but the little ones will have hours of pleasure with this one. Simple but not boring.

1257 ISLAND JUMPER
A fantastic and delightful game for all. Superb and charming graphics. It's not so easy as it seams. A wonderful job of game programming.

1258 SPACECHASE
A bit slow but good graphics and interest. For 2 players.

1259 STONEVILLE MANOR
An excellent text only D&D type mystery game. You can stop anywhere and save the game for continuing later. Some minor bugs corrected but there may be more. Requires good memory.

1260 BLOCKADE
A game with good speed and action, yet simple enough for youngsters.

1261 RUBIK'S CUBE SIMULATOR
A fantastic mindcracker that requires good memory and a sense of spacial relationships. It will keep your mind hopping.

1262 GOBBLER
A very slow "Munchman" type game. Good for the little ones to learn on.

1263 CLUELESS
A text only detective mystery game. You will have lots of fun trying to remember all the details.

1264 UFO RACER
A two player game in a maze-like track. Easy enough for small ones.

1265 DICE ROLLER
A simulated dice game with good graphics. Shows payoffs and the roll sequence to see how you did.

1266 NEW HANGMAN
Fantastic NEW hangman game with its own data file for a larger number of words. You can create your own file of words or change if you want.

1267 AT THE RACES
An absolute delight. Excellent and realistic graphics of the game. Up to 11 people can play and place any bets for Win, Place or Show. You will find yourself filled with the same enthusiasm as if you were there.

1269 LANDER
A fast and interesting game of skill for all ages.

1270 MADLIB
A text only "game". You supply some words and the computer generates stories, etc. at random. Absolutely hilarious!!!

1271 CAR-CATCH
Seems simple but catching the computer's car is quite a challenge. Will delight old and young alike.

1272 RESCUE CRAFT
You must be fast with this one. For two players who can keep on their toes without hitting each other while rescuing their crews.

1273 SPACE HUNTER
A board type game to guess where your friends are before your opponent does. For two players.

1274 BOMBS AWAY
Do a bombing run on a town and be accurate. A program with good movement but simple enough for all ages.

1275 DARTS
A simulated dart game with smooth and fast graphic movement. You have several choices, but don't stick the cat!

1276 INSANITY
One of the "Charlie's Choices". You cannot find a simpler yet more enjoyable frustating game. Ultra simple but you could take yours to get those boxes back home. Try it, we dare you!

GAMES

1277 SPACE PILOTS
While flying at top speed through the dark void of space you must deactivate those alien space mines but don't hit any stars. Fast!

1278 TANK COMMAND
Easy to play game with interesting graphics. Drive your tanks through mine fields and hope you made the right choice.

1279 ADVENTURE
An adventure game of mystery and intrigue. Lacks complete instruction but that is part of the adventure!!

1280 BASE ALERT
A fast action game with good graphics that is a great test for your reaction time. It will command your attention.

1281 BACKGAMMON
Excellent representation of a backgammon board in TI graphics. Devotees of this game will love the computer version.

1282 BATTLEGROUND
A very fast action game pitting ground force against a plane. Great graphics and simulation. Plane can accelerate and dive.

1283 INVASION WAVE
A game quite similar to TI INVADERS. Try this one for a change.

1284 SLAY THE DRAGON
Fast action game of high interest with a new twist. Very good graphics lend to the excitement of the game.

1285 SCHOOL DAZE
A fun chase game that is different. You must finish all of your assignments before your teachers catch you. Will provide hours of fun and entertainment for all.

1286 FOOTBALL
An interesting game that is part text and part graphics. You can play three ways; person vs. person, person vs. computer or computer vs. computer.

1287 MONEY TREE
A two player game with fast action and high interest. Gather the money as fast as you can and watch out for your opponents bandits.

1288 "M"
A text only D&D type game. You can spend weeks on this one.

1289 EVADE
A board type game that is fun for all ages.

1290 DESTROYER
A text only game requiring mental agility in sinking the battleship. You will become a gunnery expert after you play this one. Not for youngsters.

1291 DOOMSTONE
A takeoff on Tombstone City. This game is painfully slow in contrast with the TI version. A novice programmer can have fun reworking this program to improve speed.

1292 ON PATROL
A game with good potential but in present form it is very slow and needs some work. Good practice for a beginning programmer.

1293 VAMPIRES
An interesting game with good graphics. Seems slow but you will still get caught if you don't keep your wits about you. Different levels of difficulty are available.

1294 BUG SPRAY
A charming game with fast action. Use the bug bomb to eliminate those "spritely" bugs before you get stung. Great for all ages.

1295 BANDIT
A new one-armed bandit game from our friends in Australia. Very good graphics presentation.

1296 DRAW POKER
Excellent graphics make this card game all the more enjoyable. You have choices of the type of game you wish to play.

1297 AT THE RACES
Another new horserace game as presented by Australian members. A two player game that will keep you shouting your horse on.

1298 WORD SCRAMBLE
A most interesting game resembling Scrabble. Up to four players may play and there are several interesting options for you.

1299 THE AIRPLANE GAME
Shoot down the enemy plane if you can. A fast action game that requries concentration and rapid response. See if you can do it!

1300 MAD CHEMIST
This game is not for youngsters since you have to be sharp in your math. Text only requiring good mental math skills.

1301 SCALE OF DOOM
A text only game for older children and adults. Place differing weights on three pans so that all does not topple to destruction.

1302 ASSASSIN
Beware of whom of "what" is lurking around the corner. Good fun!

1303 FALLOUT
A text only game that requires good memory retention. Be sharp!

1304 TICTACDOUGH
Now you can play the popular TV game right at home. You can change the questions at any time and keep people on their toes.

1305 WITCH MOUNTAIN RALLY
Text only just heightens your need to keep your brains on straight. You have to race up a mountain with limited gas and vision but you do get a choice of cars. See just how sharp a driver you are!!

1306 CAPTAIN CRUNCH
This is Munch Man type game. You have to eat all the apples in the orchard before the Munchkins get you. The challenge is when you move it might be one, two or no spaces!! Tense yet?

1307 PHILADELPHIA TICTACTOE
You play against the computer in this old favorite with "Philadelphia" rules. Are you as smart as the 99/4A in such a simple game as this?

1308 VICTORY AT SEA
A game similar to the board game of Battle at sea. You play against the computer. Fast action with good graphics it is a good strategy/guessing game for all ages.

1309 SHOOT THE STARS
Who ever would have thought that 9 simple and harmless little stars could drive you up one wall and down the other? For this all your mental abilities will be tested but you won't give up. Once you start you can't seem to stop. Here they come with the white jacket!!!!

1310 KNOCKOUT
A game similar to "Pong" with 3 different playing options. It has interesting graphics and can be played by 1 or 2 people.

1311 MATCH-A-PAIR
A board type matching game for 2 to 4 players. You try to match the hidden pairs of objects (up to 24). Excellent graphics.

1312 MINEFIELD #3
Get across the minefield and destroy the enemy ammo dumps without hitting a mine. Good graphics. Great speed when played in Extended Basic.

1313 GAMEPACK
A three in one package of different text only games.

1314 DRAGON'S LAIR
A text game of mystery and adventure. You must get to the dragon's lair and steal his gold without being trapped or killed.

GAMES

1315 THE CHASE
A game that is quite slow with good potential for the game programmer. With a little work it could be great!

1316 THE HUNGRY TURTLE
A charming game of skill for all ages. How many files can you catch as the turtle swims along? It'll make you smile!

1317 PENTE
The famous two-player game of Pente on the 99/4. If you like chess Othello or checkers this is another to add to your library.

1318 SPACE PICKUP
A great game for all ages with interesting graphics. Wend your way through the space mines to pick up lost cargo. Timed playing only heightens the interest and excitement.

1319 STRANDED
A two player board game with a new twist. You must take up spaces so that you leave your opponent "stranded". Fast response!

1320 SUB HUNT
You play against the computer in a challenging submarine hunt. This is a text only game with marvelous introductury graphics.

1321 TIME BOMB
Disarm the time bomb by guessing the sequence of wires to cut. Limited graphics.

1322 GRAPHIC ADVENTURE
Find your way out of a 3-story dungeon but watch out for those hidden enemies along the way. Good programming job with good graphics. You need a good memory for this one.

1323 LASER ASSAULT
An excellent and very fast game with good graphics. Good programming gives this its fine speed.

1324 RIFLE RANGE
A two player game at the rifle range. You must guess where the targets are so it is as much chance as skill.

1325 SIMON SAYS
The 99/4(A) version of the old favorite. Needs a little work to eliminate some bugs but playable.

1326 THRUWAY
Have you ever seen "Frogger"? Well try this one. Cross the highway swim the river, avoid the alligator and if survive you get to do it all once again. Great fun for all ages!

1327 SPACE BERSERKER
This is a relatively slow game that still represents a challenge. It is very hard to win at this one. How good are you?

1328 DICE ROLLER
Play a game of dice against the computer and see if you know just when to stop before rolling a "7".

1329 HEAVY METAL
Avoid a heavy electric charge while maneuvering your assailants into the tranformers. A bit slow but interesting.

1330 MAGIC NUMBERS
Pit your mental skills against the computer in trying to guess the secret number. Not so simple as it sounds.

1331 BIBLE BUZZ
A question and answer game about the Bible. Quite extensive!

1332 FALLING
A seemingly simple game that will delight all. Catch the falling ball to score and if you get really good you can make the ball invisible!!

1333 SCRABBLE
A computer version of this popular game. Well planned with a very good use of the screen and graphics.

1334 BLACK FOREST
This one will get you. You must find your way home through the forest IN THE DARK! You can "Peek" but it will cost you.

1335 BURIED
A board type game of guessing where treasures are hidden.

1336 CARWASH
This is a text only game that can help teach children about money management. You are the manager of a car-wash and must make decisions about business changes. A challenge!

1337 SPACE ORDEAL
Quite a challenging game of quick response. You must get the mutating space forms with your invisiray before they can change and fire on you.

1338 PIE RING SQUAD
An absolute jewel of a fun game. Superb graphics will give you hours of laughter. Hit the mountie with a pie but watch out for the crazy gorilla throwing bananas. A must in your game collection.

1339 CRAPS
An Extended Basic version of program #1006. Runs much faster.

1340 PERSONS, PLACES AND PHRASES
A "quiz show" on screen for up to 4 players. Absolutely fascinating for all ages. Make your guess and watch the magic ball bounce out your destiny.

1341 SMOKEY'S BANDIT
A text only game where you and your computer, Smokey try to pursue and capture the bandit. Do you have a good memory?

1342 STOCK MARKET
A text only game similar to CARWASH. Use your business sense to win or lose playing the stock market.

1343 TAIL!
A much faster version of programs #1164 and 1165. One or two players now allowed.

1344 BOMB ADVENTURE
A text-only adventure game of the D&D type.

1345 DUCK
Another absolute winner of a game. Superbly written action game with great graphics. Climb the ladders to the throne without getting hit by a duck or a Frisbee. Another MUST!!!

1347 HACKSAW CANYON
A 2 player game of skill. Great graphics and action. You must blast away the boulders filling the canyon as you fly overhead.

1348 INVASION FLEET
Shoot down the invaders and save yourself. This game is a bit slow.

1349 U/BOAT CHASE
Interesting graphics perk up this somewhat slow game. Requires a good sense of judgement and timing.

1350I I HOBBIT
A very complete D&D type adventure game. It comes with a seperate program of instructions. You could spend days with this one.

1351 MIX 'N MATCH
A 2 player "board" game to match hidden pairs of items. Quite interesting and challenging.

1352 ALIEN RAIN
A game quite similar to TI INVADERS but it is very slow. Could be useful to practice on.

1353 DRAW-A-LINE
This game seems sooo simple. You only have to fill in all the blanks and you win! This is great to teach youngsters planning and linear relationships.

GAMES

1354 HIGHER/LOWER
A fun game to guess the number that the computer has hidden. Speech makes the big difference.

1355 P.O.W. RESCUE
A superb game with wonderful graphics and action. You must fly a helicopter into a POW camp, rescue your men and deliver them to safety all the while avoiding machine guns, enemy planes and crashes.

1356 SPACE PATROL
Good graphics and action in this space war game. Watch out for the unexpected!!! A bit short on instructions so LIST the program before RUNing.

1357 SERPENT & SNAKE
A 2 player game similar to #1219. You will go absolutely crazy trying to avoid yourself, your opponent and the walls. Hours of fun.

1358 SPIRDS
You must protect the antenna of your moon satellite station by shooting down the Sprids coming from all directions. Good graphics.

1359 SUPRA
A very challenging game with good graphics and action. You will need a hair-trigger reaction and great memory to win at this one.

1360 CHICKEN HELPER
A superb game with fantastic graphics and fast action. All you have to do is help the poor chicken across the 16 lane highway. Bet you don't make it!!

1361 CUPID'S ARROW
This game is a "darling" in graphics and concept. You must avoid Cupid's arrows or you will end up with a broken heart. Absolutely charming and delightful!

1362 COLORCODE
A very well done guessing game. You must guess the colors the computer is "thinking of". Levels of difficulty and other options make this a very versatile program.

1363 DROID
A "board" game for 2, 3 or 4 players. Get the "droids" to gather as much ore as possible without getting cut off by your opponents.

1364 SHOOTOUT
A fast action game of limited graphics. There are no instructions but they are easy to figure out.

1365 GUESS THE WORD
A very well done Guessing game that is both educational and highly entertaining. Recommended.

1366 METEOR SHOWER
You set the time of play and then avoid the meteor shower coming at you fast and furiously.

1367 TRAK-TREK
Set your playing time and then avoid the boxes placed everywhere on the screen. The hitch is you can only make right or left turns.

1368 WARPOUT
No shooting here, you must simply board the skittish alien ship. This game will entertain (and frustrate) you for hours.

1369 HANDROID
Great graphics and super fast action will electrify you. You need FAST response and attention to shoot only the blinking HANDROID.

1370 MOON SURVIVAL
A text only adventure type game that will wrack your brain. There are no instructions so that is your first adventure!

1371 CONNECT BY FOURS
Excellent graphics in this game similar to Connect Four. With disk you can save scores too.

1372 DEALER'S CHOICE
A text-only game like the popular TV game. It is actually five games in one.

1373 MIND CHALLENGER
A "board" game for 2 players. You must have a good memory to remember where all the items are. Goal is to match as many hidden pairs as possible.

1374 ROCKETS
A two player game with excellent graphics and good speed. A very interesting and well done program.

1375 SUBHUNTER
A two player game to hunt the sub and destroy it. Excellent graphics. You have to have a good sense of timing for this one.

1376 TREKKIE
A game with interesting graphics. Avoid the Romulans and dock to recharge before it's too late. Warp drive takes you back to the battle scene.

1377 BALLOON RACE
A game of limited graphics you must descent to the bottom of a chasm before your opponent without crashing into the sides. Two players.

1378 FREEWAY ESCAPADE
An excellent "Frogger" type game of good interest and speed. You have a choice of 5 different items to use for crossing and can set three levels of difficulty. Most enjoyable.

1379 BLACKFISH
This one will dizzy you. In that swarm of hundreds of wildly moving fish find that little black one and eat it before it grows up. Be watchful of those sharks! Excellent graphics, speed and fast action.

1380 BRIDGE GUARD
An absolutely fantastic job of graphics programming. This game will keep your interest for hours. Different levels of difficulty. Using keys 1 through 0 you must open sections of a bridge to let the meteors fall through. If you can move like a hummingbird, then maybe you can make the highest level!

1381 FROGMAN
Another superb job of game programming with wonderful graphics, action and interest. Cross the highway and try to cross the moving lilypads before a snake gets your. Hours of entertainment!

1382 KRAZY KOALA
An absolute MUST for your family. The only "cute and cuddly" game we know of. Superb graphics and charm. You must help that lovable koala get to his mate, picking fruit as you go and watching out for that nasty rock-throwing monkey. The detail of the graphics actions is wonderful.

1383 PARAMEDIC
Different speed levels make this a real challenge as you maneuver your ambulance through a mine field to rescue your wounded.

1384 GRAND SLALOM
Up to 40 speed levels make this a dizzying ski race. Highest speed level is almost impossible to manage unless you are very, VERY good!

1385 MINE-TRAP
Do you have an excellent memory? Test it with this game. You have only a few seconds to memorize the layout of the minefield then with the screen blank you have to try to cross it.

1386 PICK UP STICKS
A game similar to NIM. You play against the computer to see who can pick up the last stick. Three levels of difficulty and a choice of who starts make the program more flexible.

1387 SHOOTING GALLERY
An excellent game with two levels of difficulty. Good graphics make this game very interesting as the targets change speed and direction at random. Loads of fun for all.

1388 STORYTELLER
A smoothly written program to generate laughable non-sense stories. This is similar to MADLIB and will provide hours of laughter.

1389 LUNAR LANDING SIMULATOR
You are given a graphic presentation to simulate a lunar landing and by correctly setting velocity and fuel, land on the "dime". Quite challenging for all.

GRAPHICS AND DEMOS

2100 BASIC DEMO
T.I.'s annual report with vivid graphics. You'll learn a lot from this program.

2101 CHRISTMAS
Santa and his reindeer with a snow scene.

2102 FISHIN
A boy at the old fishin hole tries to land the big one.

2103 FLAG
A brilliant American flag with some patriotic music.

2104 HAUNTED HOUSE
Witches and flying pumpkins come from the Haunted House.

2105 KALEIDESCOPE
Creates a kaleidescope of color on your screen.

2106 JOB COST
This is an excellent program to learn from. You build a fence and the program gives you the cost.

2107 SNOOPY
A real favorite with the children. This program draws a picture of Snoopy on the screen and then plays a tune.

2108 SPEECH DEMO
In this one the T.V. and the screen argue as to who is the most important.

2109 SEAHORSE
A beautiful depiction of a seahorse and a great job of graphic programming.

2110 PINK PANTHER
As several Pink Panthers appear on your screen theme music will play.

2111 ITT
The best part of this is the programming logic. Content is a demo of a hardware mfg.

2112 FAST/SHIP
Klingons destroy the Enterprise then escape in this short but efficient program.

2113 SNOOPY CHRISTMAS
The children will love Snoopy and his Christmas tree.

2114 VALENTINE
A valentine message for your sweetheart.

2115 STARS
Fills the screen with a myriad of stars. A mood program that is fun to watch.

2116 LOVE
Robert Indianas' art work in poster form. A great translation job.

2117 MULTI-MAZE
Changing colors and lines appear on your screen.

2118 SINE-WAVE
This abstract art program will do things on your screen you won't believe.

2119 COLORBURST
Over 500 million combinations of colorful patterns that will bring hours of enjoyment to your 99/4 usage.

2120 BUNNY
This program prints a pattern of famous Playboy Bunny.

2121 PATTERNS
Print on the screen your choice of vertical lines, horizontal lines, crossing lines, dots, or several screen colors.

2122 PLAYING CARDS
Depicts all of the regulation playing cards in a deck.

2123 RI. FLAG AND SONG
The Rhode Island State Flag and song.

2124 WY. FLAG AND SONG
The Wyoming State Flag and song.

2125 NM. FLAG
A great programming job on the New Mexico State Flag.

2126 VISIONS
Watch as your screen changes patterns for 40 min. A very interesting program.

2127 OHIO
The Ohio State Flag. A beautiful depiction of this flag!

2128 INDIANA
Indiana's star filled flag as programmed by one of our owners in the Hoosier state.

2129 TEXAS #1
This is one of the two Texas state flags that we have received for our contest. The other two are listed below. See which you like best!

2130 TEXAS #2
Texas State Flag!

2131 ARITHMAGRAPHS
A very unusual program submitted by our English users-group. From various graphs displayed on the screen you must enter the arithmatic answer. A real mind challenger.

2132 COLOUR
Another program from our friends across the Atlantic. The program generates a screen full of random colors and sounds.

2133 HALLOWEEN
Watch as spirits of witches, pumpkins, black cats, bats, and other scary things fill your screen.

2134 OREGON FLAG
An excellent programming job and a top contender in a recent contest.

2135 LOWER CASE LETTERS
Display up to 14 large lower case letters on the screen. Can be used as a subprogram.

2136 MAZE-MAKER
This program allows you to make your own mazes. You can define both color of screen and color of walls.

2137 PRINTED MAZES
Make your own printed mazes using an RS232 compatible printer. Select the size you want up to 21 x 21. Computer randomly generates a different maze each time.

2138 UTAH STATE FLAG #1
A very colorful depiction of the Utah state flag. You may be able to pick up some programming tricks here.

2139 COLOR CRAYON
This program allows you to draw designs on the screen which you can save on disk. Very colorful.

2140 VERY LARGE LETTERS
You can display up to ten very large characters in two rows of five each. A good program for teaching pre-school children complete words.

2141 SAFETY
This excellent program graphically depicts hazards one might encounter in a plant. A must for all.

2142 COLOR COMBINATIONS DISPLAY
This program will help you realize the true elasticity of the T.I. graphics, by showing you how to achieve various colors.

2143 SNOOPY #2
Snoopy at the dog house with his friend Woodstock.

2144 COLORADO FLAG
Flag of the great state of Colorado.

2145 SIGNS
Although there are a few bugs in this program, which any experienced programmer can work out, it is still worth listing. Print your own signs using either a thermal or RS232 type printer.

GRAPHICS AND DEMOS

2146 KALEIDESCOPE II
An all new program with ever changing colors and patterns. A truly beautiful program. You'll like this one.

2147 CLEMSON
A block C.U. is made from tiger paw prints while "Hold That Tiger" plays in the background.

2148 TICKER-TAPE
A slow, but interesting, program that places your messages in TICKER-TAPE style on the 99/4 screen.

2149 DIAMONDS
Ever changing shapes and colors fill your 99/4 screen.

2150 TITLE SCREEN
A Basic reproduction of the Home Computers Title Screen. VERY INTERESTING.

2151 DANIEL
Graphics and reading from the Book of Daniel. An excellent program written as a "demo" for the missionary work of the Morman Church.

2152 MEMORY-MAZE
An excellent maze game and one that is not easy to beat. Very good programming!!

2153 CALENDAR
Designed to work with EPSON MX-80. This program will print a calendar for any year 1981 to 2000.

2154 INKBLOT
This program prints random patterns on a printer like a Psychiatrist Inkblot. A very interesting program.

2155 CHRISTMAS SCREEN
A great indoor Christmas Scene with tree, fireplace, presents and toys. A real nice graphic program.

2156 FREQUENCY TEST
Program plays up to 100 notes in ascending frequency to test your highest hearing level.

2157 RANDOM CHARACTER GENERATOR
Fills the screen with a random character, then gives you the 16 digit color code. Useful in graphic programming.

2158 SPRITE DEMO
Of several dozen sprite demos, we have received, this one is by far the BEST. If you have friends who own other personal computers show them this and watch them GLOAT.

2159 MOTHER GOOSE
The best children's program we have!! Listen as an animated Rocky Ro-Bot recites Mother Goose nursery rhymes. EXCELLENT!

2160 3 SCREEN DEMO
3 seperate screens that demo the graphic capabilities of the 99/4 in basic programming.

2161 ROBOT JOKES
Our old friend Rocky Robot is back, and this time he is telling some of his robot jokes. This program by Sam Moore is hilarious, and can be enjoyed by the entire family.

2162 AC/DC
A graphic record cover from the rock group's Back in the Black album.

2163 MIRRORS
Watch as colored lines present a mirrored effect on your screen.

2164 TP BARGRAPH
Using this program, you are able to create depictive bargraph printouts using the T.I. Thermal Printer.

2165 STARFIELD
This program is primarily designed as a programming aid, although it will run on its own. The program can be used as a screen background for 'space games'. It will run in Basic or Extended Basic. Extended Basic adds some motion to the background.

2166 SPEECH GENERATION
This program allows five different functions when used with the TE II. It allows you to try 3 test phrases, decode and display all allophones in a phrase, enter alphon by alphon, alphon data statement reader program, and singing.

2167 CABOOSE
Tells the story of the little red caboose, and displays train, words, and Rocky Robot is the story teller.

2168 KWIK-DRAW
Create multi-colored abstract designs. A little short on instructions, but great fun when you get the hang of it. Similar to the T.I. Command Module Video Graphs, this program is designed to run on the 99/4A only.

2169 KALEIDOSCOPE
This program produces bright colored kaleidoscope patterns. A nice mood program. This program differs from other kaleidoscope programs listed.

2170 BIRTHDAY GREETINGS
Good graphics of a birthday cake with message. Plays birthday song. Optional use of speech editor in Basic.

2171 SPRITE BUILDER
A marvelous program for building sprites easily and saving up to 100 of them in its data file. Can be recalled by number and changed. An excellent job of programming!

2172 PATTERNS
You will be mesmerized by the constantly changing patterns. Might be described as "eye candy".

2173 WHAT'S YOUR PLEASURE
A delightful potpourri of three programs in one. Two are moving graphics that are just for watching and the third is the old shell game. This is great for all ages.

2174 SCORPIO'S CASTLE
A fantastic delight for all, this is a picture story-book of a charming fairy tale. Text is on the screen mixed with excellent full screen graphics. The little ones will be captivated.

2175 EASEL
An excellent graphics design program for use in developing material for you own programs.

2176 AUSTRALIAN FLAG & NATIONAL ANTHEM
Another fine contribution from "down under".

2177 TI MARQUE
With this program you can create different colored marquees with large customized letters on the screen. Can be adapted to use for making your own title screens in your programs.

2178/D GRAPHICS DESIGNER
A fantastic program for game program writers. Has its own data file to store your special characters. You then can work with them to build a graphics screen for use in other programs. This is a real timesaver and a bargain.

2179 NIGHT BEFORE CHRISTMAS
A beautiful presentation of speech in the recitation of this old Christmas favorite. You can read it on screen and the little ones can here it told to them.

2180 COLOR CRAYON II
A great new version of this favorite. Now has optional speech. If you have a disk drive and Ex. Basic you should try it! Comes with 2180/D its own data file of premade drawings.

2181 SPRITEDEMO
A great demonstration of the power and versatility of the 99/4A. In addition to the Sprite display it has music. You can learn some great graphics programming tricks with this program.

2182 99/4A DEMO
A great job shows off all the capabilities of your TI 99/4 (A).

2183 ENTROPHY
A good graphics demonstrator of the principle of entrophy. Good programming tricks can be learned with this one.

MUSIC

3200 Godfather
Theme from the motion picture of the same name. Exellent graphics.

3201 Strauss
"Tales From The Vienna Woods" done in classical fashion.

3202 Music Demo I
A snappy little tune and a great example of the musical capabilities of the 99/4.

3203 Bach #3 Minuet
Very enjoyable listening.

3204 Bach's Minuet in B Flat
The title tells it all.

3205 Rhythm
A great learning tool with colorful graphics. Guess the position and duration of notes and rests. Up to 10 persons can play.

3206 Andante
This tune is easily recognized.

3207 Fughetta
This G.F. Handel melody adds another classic to your list.

3208 America The Beautiful
Words and music to this song.

3209 Bach
Bach's Praeludim II. This program allows you to change the bet of this score. An excellent programming effort!

3210 Mash
The theme song from Mash.

3211 Musical Scale
This program sets up a limited keyboard that will display the notes on the screen as you play them.

3212 Musical Key
Allows the user to create melody and harmony using the keyboard.

3213 The Sting
Theme song from the Sting. One of our better musical programs.

3214 Sweetheart
The all time favorite Let Me Call You Sweetheart.

3215 Bewitched
An enchanting musical standard by Rogers and Hart.

3216 Intervals
High educational value! This musical skill training program teaches the different intervals in a musical scale. Detailed instructions begin the program.

3217 Music Demo #2
A "Boogie Woogie" tempo, computer original!

3218 Music Demo #3
A dainty music box type melody!

3219 Sweetheart Tree
A stroll down the lane to the old sweetheart tree where we can carve our initials for all to see.

3220 Song
A simple question by the computer will give you an amusing answer and result.

3221 Yesterday
Paul McCartney's song yesterday with a scenario and words on the screen A GREAT programming job!

3222 Raindrops
A good program for small children with some educational value.

3223 Never on Sunday
A fantastic programming job here! A time the entire family will enjoy.

3224 Theme From Dallas
A very well written rendition of the music from this popular T.V. drama.

3225 Fiddler On The Roof
Programmed by two N.C. High School students. This melody of tunes are sure to please you.

3226 Fiddler On The Roof
This animated graphic program of the fiddler playing on the roof top contains some of the best graphic and music programming techniques we have seen. An outstanding program.

3227 My Elusive Dream
While showing the various states that the song sings of graphically, the computer plays this hit song of the 60's.

3228 Player Piano
Watch as the keys on the piano move in rhythm with two of the Beatles hit songs. And I Love Her/I'll Get You.

3229 Bach Mini Concert
Several of J.S.B. better known works in one program. Many hours of effort and thought went into this program. Minuet in G minor, Musette in D, and Little Prelude in F.

3230 Invention in F
By allowing the user to set the speed of play and volume, Bach's music becomes all the more interesting.

3231 Music Box Dancer
Another one of the Charles Ehninger's master programming accomplishments. Turn your 99/4 into a wonderful music box.

3232 Organ
This program turns the keys of your console into an organ which will show you the notes you play. Includes C# through D.

3233 Penny Lane
The old John Lennon hit Penny Lane played by your 99/4.

3234 Spagnoletto
This little duet comes to us from one of our users in England. A snappy little tune which you will enjoy.

3235 Michael's Theme
Another theme submitted by one of our group in the United Kingdom. Very well done.

3236 Music Maker
By changing data statements you can produce your own music and watch it projected on a scale. Fun for hours.

3237 Star Trek
A very well written rendition of the theme song from the movie Star Trek.

3238 Christmas Music
Several of the all time Christmas songs on one tape. A very good programming job.

3239 Alley Cat
Another hit song of the 60's.

3240 Adventures Of Ivan
A haunting melody is played by the 99/4.

3241 Days Of Christmas
Words and music to the Twelve Days of Christmas.

3242 Star Wars
Excellent theme music from the Star Wars movie!

3243 12 Days Of Christmas
Words and music to the Twelve Days of Christmas.

3244 Looking Through You
Another one of the John Lennon hits of the 60's.

3245 Sonata in 'C' Major
Watch as notes fly across staffs on your screen while this snappy tune is playing.

MUSIC

3246 Album-Leaf
A great programming job on this Kirchner tune.

3247 Forest Roses
Rsoes, Roses and more Roses dance around the screen as the song Forest Roses plays in the background.

3248 Dog Gone Boogie-Woogie
A boogie-woogie version of "Where oh Where has my little Dog Gone". An excellent program.

3249 Dog Gone Boogie-Woogie
The same program as above but with a few sprite surprises thrown in.

3250 Berceuse
Sprites move and change as this melody is played by your 99/4.

3251 Rainbow Connection
One of the wonderful songs from the Muppet Movie.

3252 Give A Little Whistle
A snappy little tune we are sure the entire family will enjoy.

3253 Swinging Shepherd Blues
A memorable tune of the 60's played by your 99/4A. An outstanding programming job.

3254 Bugle Boogie
Sprites defined as bugles dance across your screen as this beat tune is played.

3255 Witches Dance
E.A. Mac Dowells Witches Dance comes to life when played by your 99/4.

3256 Beethovens 5TH
Ludwig at his best! Beautiful music played by the 99/4.

3257 In The Mill
Another of Sam Moores' classic musical renditions. A sheer delight to listen to.

3258 Killing Me Softly
An excellent rendition of the Roberta Flack hit of the 70's. Very impressive graphics. Words are included for a sing-a-long.

3259 Hark The Herald Angels
Words and music to this Christmas favorite.

3260 Guitar
Watch the guitarman play his tune in animated graphics.

3261 With Love In My Heart
Based on Chopin's OP 10 #3, this light tune is brought to life by your 99/4.

3262 Moonlight
A great Sam Moore music program. Beethoven's OP 27, No. 2 sonata Quas; Easy listening and GREAT Graphic Effects.

3263 Time In A Bottle
A haunting melody programmed to PERFECTION. 3-D Graphics add a special touch to this wonderfully mellow tune.

3264 Amazing Grace
The old country church appears on your 99/4 screen as the ever popular hymn "Amazing Grace" plays in the background.

3265 You Light Up My Life
This smash hit made popular by Debbie Boone, can now be played on the 99/4. A SUPERB Programming job.

3266 Bumble-Boogie
This jazzed version of "Flight of the Bumble Bee" is a sheer delight. Great Basic programming by Sam More, Jr.

3267 Stairway To Heaven
A Chuck Lyman program of the Led Zeppelin's hit song.

3268 Aquarius
The "Age of Aquarius" is played in flute-like notes, while colorful abstract designs are created in time to music.

3269 Morning
"Morning Has Broken" plays sweetly while sailboats grace your screen. Seagulls fly unhurridely in cloud-graced skies, and the sun slowly rises. One of Sam Moore's best.

3270 Music Terms Quiz
The computer will give you a music term and offer several choices for an answer. You must give the proper answer, and the computer will ask another.

3271 Prelude
A very dramatic test of the 99/4's ability to generate beautiful music.

3272 OP-23
A snappy little Operetta performed on the 99/4 console, which will thrill and amaze the entire family!

3273 Guitar Tuner
A simple program that will help you tune your guitar to perfection.

3274 Music Maker
Lets you compose and edit your own musical creations. It will store your masterpieces on tape for later replay. By modifying DIM statements, programs can be used with a disk system. An excellent program that all music lovers should have.

3275 Sound Generator
Your T.I. computer is capable of making an almost endless variety of special effect sounds. The purpose of this program is to help you find just the right sound for your special effect.

3276 Boogie Oogie Oogie
Another one of Sam Moore's musical programs with vivid graphics, this tune has a real upbeat tempo.

3277 Beethoven's 9th Symphony
The haunting melody of Beethoven's 9th symphony is brought to life by your 99/4.

3278 Bunny Music
A pretty bunny is displayed while a simple tune plays.

3279 Waltz
Plays beautiful waltz to the tempo that you select.

3280 Instrument Tuner
An electronic tuning fork for precise instrument tuning. An excellent program for all musicians.

3281 THREE KINGS
Fantastic job of graphics and music for this Christmas carol. As the music plays the 3 kings approach the manger and the Star of Bethlehem lights up the sky.

3282 ANCHORS AWEIGH
Music only for this old tune.

3283 THE HAPPY FARMER
Another delightful addition to our library.

3284 FUGUE BY HANDEL
A marvelous use of sprites and graphics in this classical composition rendered by a Users Group member in Germany.

3285 BACH RECITAL
Computer rendition of a famous organ work of Bach. Well done program.

3286 YELLOW ROSE OF TEXAS
A lively rendition of this famous song with graphics on the screen.

3287 PLAY/TYPE
An interactive music program. While you type on the keyboard you generate notes and create music. Hear what your name sounds like!

3288 JUST THE WAY YOU ARE
Another gem from the talented Sam Moore. Excellent graphics go with the words and music to this song. A great programming job.

3289 SYRINX
Sprites in action and an eerie rendition of this haunting composition by Dubussy.

MUSIC

3290 MY COUNTRY TIS OF THEE
A stirring rendition of this patriotic favorite whether it be the United States, England or Switzerland.

3291 FRERE JACQUES
An interesting musical version of this traditional song.

3292 HAPPY BIRTHDAY
A musical delivery of this accompanied by birthday graphics. Hey! Who blew out those candles?

3293 OLD MAC DONALD
Sing along with this old children's favorite and get the party moving along!

3294 POP GOES THE WEASEL
This weasel "pops" in an interesting way as the 99/4 plays away.

3295 YANKEE DOODLE DANDY
Limited graphics help stir you up as you sing along with this rousing song.

3296 GUANTANAMERA
A charming rendition of this 60's favorite. Delightful graphics.

3297 ROCK AROUND THE CLOCK
The 99/4 helps you revive the "twist" with this one!

3298 THE MUSIC CREATOR
A wonderful program to create, play, store and recall your own musical compositions. Kids will love it - grownups too! Good graphics help interest level. See how easy it is with this one.

3299 O COME ALL YE FAITHFUL
A great programming job on this beloved Christmas hymn. Good graphics make it all the more enjoyable.

3300 A/HUNTING WE WILL GO
Go on a foxhunt and sing along with this old favorite.

3301 JOY TO THE WORLD
Excellent graphics enhance the beauty of this great Christmas hymn.

3302 THE POPCORN MAN
A lively rendition of this one on the 99/4 (A).

3303 MINIBACH CONCERT
An Extended basic version of program #3229 now allows you to have it on disk too.

3304 JINGLE BELLS
A beautiful Christmas tree complete with blinking lights and ornaments complement this spritely Christmas song.

3305 ZIGGY'S CHRISTMAS
As ZIGGY watches in awe, the snow falls softly and we are entertained with "Deck the Halls".

3306 MY HUNGRY HEART
An interesting presentation of this popular song.

3307 PRELUDE IN G MINOR
An enjoyable rendition of this work by Chopin.

3308 POLONAISE IN G MINOR
Another pleasant presentation of this classical work of Chopin.

3309 ACROSS THE FIELD
A snappy version of OSU's rousing school song.

3310 VIOLA CONCERTO IN G
A charming program of the 4th movement of this work of Telemann.

3311 VIOLIN TUNER
An excellent program for tuning a violin. Well-written and clear. Fine graphics make it easier to understand.

3312 COLOR BARS
An interesting program of the Alphabet song to help teach the little ones the alphabet while building a picture. Will maintain a high interest level.

3313 MUSIC WORKSHEET
An excellent program for the music student. Notes are displayed on the screen staff to produce chords. You can play as you create and change tempo or erase.

3314 VIBRATO ORGAN
This program transforms your keyboard into a vibrato organ. Should provide hours of fun for all.

EDUCATIONAL

4300 CLOCK
You'll have to see this program to believe it. It turns your 99/4 into a digital clock. The display is in the center of the screen in easy to read 4" numerals.

4301 COLOR CRAYON
Draw your own creations on the screen and then save them on tape for future use.

4302 VOCABULARY TEST
A great program, for the High School or College student, which asks you to define words, meanings.

4303 TIME CLOCK
Pre-school lesson in telling time.

4304 SIGMA
This program adds all integers from a minimum to a maximum number.

4305 ADDITION TEST
Elementary Level Addition Math Test

4306 CALENDAR
A calendar for any year, by month, from your 99/4 terminal.

4307 LARGE CHARACTERS
A programming aid that enlarges the screen print. Great for programming children's games.

4308 FLAGS
Learn the flags of 10 different nations with this delightful educational program.

4309 MATH TEST
Great for all ages. You will add, subtract, divide and multiply with the best of them after using this test.

4310 MATH TEST N/S
The same program as above but written to run without speech.

4311 FILE
Several math problems and graphic plots all in one program.

4312 GERMAN
Using data statements program your 99/4 to translate and teach you German.

4313 MORSE CODE
Learn Morse Code the easy way with your 99/4. The ideal program for the Boy Scout in the house.

4314 SPANISH TRANSLATOR
By the use of data statements translate Spanish to English. A GREAT learning tool.

4315 TENSE
One of our most enjoyable programs. Learn the past tense of many words as they come up in ridiculous sentences on your screen. A must for school age children.

4316 TRIANGLE
Find out what the degrees of all sides are.

4317 BIORHYTHMS
We think this is the best of several biorhythms we have received.

4318 ALPHA
A simple program that is good for pre-school children.

4319 COLOR MATH
This elementary and secondary school math test is fantastic! A great learning tool.

4320 ALPHANUMBER
Dancing sprites amuse while children can learn the alphbabet and numbers. A good program with good stimulation.

4321 GRADING SYSTEM
This program is a must for teachers. Based on three elements find a student or an average grade for the entire class.

4322 SPELL
One of the better educational programs. The object is to make as long a word as possible with the letters the computer generates.

4323 WORDTOTAL
A great educational game. The computer picks a target number and you must think of a word that can reach the total. Up to four players.

4324 TRADE
A program that allows the user to track players on trading cards. You can then store and retrieve this information.

4325 DAY
Find the day of the week that any day in any year after 1725 falls on by using this program.

4326 BIORHYTHMS
Using the T.I. thermal printer you can get a printout of your daily biorhythms.

4327 PRECIOUS METALS CONVERSION
By setting the fix price on precious metals find out what your gold and silver coins are worth on a daily basis.

4328 TIME AND SPEED
This is a time and speed test which will sharpen your math and reasoning skills.

4329 LEAST SQUARE
This program will correlate four curves!

4330 RESISTOR TEST
This fantastic program tests the users knowledge of the color codes and resistors. A very well thought out program of real educational value.

4331 COSTELLATIONS
An extremely well done program to learn about constellations. Great for Astronomy buffs or anyone who wants to identify the stars in the night sky.

4332 BIBLE BOOKS
This program tests your ability to name the books of the old and new Testament in exact order.

4333 CAREER FILE INDEX
This program lists several career opportunities and lists things like salary range, advantages, disadvantages, travel, etc. An excellent program for High School career counseling.

4334 PRESIDENTS II
This program tests your ability to name all the Presidents of the U.S. in order of term of office. Other information on each President is also available.

4335 CAPITALS
This program tests your knowledge of the capital cities of all of our 50 states. You start with 100 points and lose 1 point for each incorrect answer. An excellent program.

4336 STATES
From the computer menu select information on states, including alphabetical order, capitals, largest city, and popular names. Check large DIM statments for Memory full errors on 99/4A

4337 LOWER CASE CONVERT
A great program for the pre-school child. The computer shows you a lower case letter on the screen and the student must type in the same letter from the keyboard.

4338 WORD GAME 22
This program is aimed at building your word power. Pick the number of words and difficulty level. The computer rates your performance. Program is High School and College level.

4339 NAME AND NUMBER
This program will give you numeric equivalence of letters in any game or word.

4340 MATH TUTOR
A math practice drill with your choice of addition, subtraction, multiplication, or division. It allows you to enter upper and lower number limits. An excellent program.

EDUCATIONAL

4341 FIRST ADDITION
An excellent program for the pre-schooler. Addition numbers are numeric and graphically displayed for easy computing.

4342 SPELLING 'B'
As words flash on the screen for a short period of time you must remember what they are then spell them correctly.

4343 TRUE-FALSE TEST
This is all you need to make up your own True/False test. Great for any type of T or F testing.

4344 MULTIPLE CHOICE TEST
Enter your own questions and answers for any type of multiple choice testing.

4345 MATCH THE ANSWER TEST
Basic program that allows you to enter the answers then ask the student to pick the correct one. Wonderful program.

4346 CALL KEY
This program will define almost all the keys on the keyboard with the number value that T.I. assigns it. A must for all programmers.

4347 DAYS BETWEEN DATES
Program calculates the number of days between 2 given dates.

4348 SPELLING TEST
An excellent program that allows you to enter a child's spelling words on tape then turn the computer over to them to test their skills.

4349 WORD SYLLABLES
Similar to the Spelling Test program except that we use syllables.

4350 WORLD FLAGS
A very good program which depicts the flags of 29 nations. Test your skills of memory and recognition.

4351 COMPLETE SQUARE
The program is a tutoral which asks you to give the best answer to questions regarding completing a square using quadratic equations. A must for the High School Algebra student.

4352 SPELLDOWN
A very professional program of now you see it, now you don't spelling words. Up to 4 players can participate. For ages 6 to 16.

4353 SOLAR
Programmed by John Priser in Arizona; this program graphically displays the movement of the planets from dates you give the computer. An excellent learning tool.

4354 DIVIDE
Need to divide some numbers? Here is the program for you. It will divide any number you wish with as many decimal places as desired.

4355 TEST-TUBE
This computer game is to test your knowledge in the area of Chemistry. Story problems are given in pressure, temperature, and molecular structure. Perfect for the High School and College chemist.

4356 GEORGIAN CALENDAR
Will convert Julian days to Georgian calendar. Fun program.

4357 TRINOMIAL
Brush up on your factoring with this beauty. For first and second year Algebra students.

4358 SYSTEM
Solution and graph of a system of equation of a line in the form AX + BY = C. Another perfect program for the first year Algebra student.

4359 COLOR FRACTIONS
One of the best educational programs we have seen. Great for teaching elementary uses of fractions. Highly colorful. Excellent!

4360 FLAGS OF NATIONS
This excellent program asks you to name the flags of several different nations but will give you a clue in showing you where the country is located on a world map. A fantastic programming job.

4361 FACTS OF LIFE
A simple little program that will tell you, your exact age, approximately how long you have slept, eaten, relaxed, and when you can retire.

4362 DRAW
This program teaches a pre-school child up, down, left, and right and draws either a picture of a man or a truck. An excellent program!

4363 ELEMENTARY ARITHMATIC
Another great pre-school program with 3 different lessons, counting, addition, and subtraction. Good programming here!

4364 SPEED READING
An excellent program that will increase peripheral vision and ability to read word groups. You are able to select 10 different levels of difficulty. A wonderful program.

4365 AERODYNAMICS
Ever wonder what makes an airplane fly? This tutoral program teaches the effects of lift, drag, and gravity. An excellent program for the Jr. High School student.

4366 GUESS THE LETTER
A good program for pre-schoolers. Computer chooses a letter and you try to guess it.

4367 FINGERSPELLING
Learn the American Sign Language Alphabet and numbers with this well thought out program. The program has 3 options. Keyboard Signs, Reading Signs, and Sign File. Very educational!

4368 RELATIVE I.Q. TEST
Want to test your I.Q. against questions supplied by your 99/4? Here's your chance with a great little program. Suggested for ages 14 and older. To conceal the answers the program is protected.

4369 ALGEBRA
Algebra of a single variable is a must for the High School or College student. An excellent program which is well thought out as a teaching program.

4370 BOWLING MATH
Bowling Math is both a game and an educational program. You must position your player then roll the bowling ball. After counting your pins you must then correctly add your score.

4371 CHANGE
An excellent small program that will tell you what change to give in return for any item purchased up to $100.

4372 SPATIAL RELATIONS
A program designed to teach a pre-schooler up-down, left-right. A very good teaching tool.

4373 CATAPULT
A very well thought out program in which you must solve basic physics problems. The object is to judge the trajectory of an object being fired from a catapult to either a stationary or falling target. Very good graphics!!

4374 PROJECTILE PROBLEMS
Another program that deals with basic physics equations. Choose from 4 different situation levels. Excellent graphic presentation.

4375 METRICS CLASS
A test situation that asks the user to decide whether standard weights and measurements are greater than or less than given metric figures.

4376 FIREBALL
A wonderful program that all 99/4 owners will enjoy. You must match your math skill and hand/eye coordination against the computer in order to save your city from being destroyed. This is one of the best Extended Basic Programs we have seen.

EDUCATIONAL

4377 GRADING SYSTEM
Enter any number of students names and grades and let the computer give you the class average. A very good program for teachers and students who want to track grade averages.

4378 COUNTRY GUESS
Hidden letters are revealed to form the names of several countries.

4379 A TYPING TUTOR
A good program for practicing and reinforcing your typing skills. You can choose what items you wish to practice and how long you want the practice items to be. The computer keeps track of any errors and then increases practice on missed items. A great programming job.

4380 FRICTION
Exellent graphics show frictions effects as you are quized to solve the basic physics problem that the program asks.

4381 JR. HIGH MATH DRILL
A geometry and algebra math tutor. A very good program for the freshman math student. Gives right answers if you don't.

4382 TESTING
This program allows you to create, store or take tests. Load your own questions and answers. A great educational program.

4383 STATES QUIZ
A new menu driven quiz on our 50 states. Program includes information on states, alphabetical order, capitols, largest cities and popular names. A great program for the geography and history student.

4384 SPEAK SPELL FLASH
NOTE: This is a series of 5 programs and each must be ordered separately. One of the best educational tools in our software library. These programs flash a word on the screen then speak the word and ask the student to type it into the computer correctly. Each of the 5 programs contain between 75 and 100 words each and can be easily modified by the owner who has little or no programming experience.
PROGRAM #1 - contains 2 and 3 letter words.
PROGRAM #2 - contains 3 and 4 letter words and so on up to
PROGRAM #5 - which contains 6 and 7 letter words.
Please order using this program number and a "/#" to indicate 4383/#1, 4384/#2, 4383/#3, 4383/#5.

4385 AERODYNAMICS II
A continuation of program #4365. This lesson deals with Life, Gravity, Drag and Thrust. Well written and very informative.

4386 BASEBALL MATH
An excellent basic program for ages 12 and under. If you solve the problem correctly, you can advance your runners; miss, and you will register an out.

4387 TRIGONOMIC SOLUTION OF TRAINGLES
Analyze either right or oblique triangles. An excellent program that can be used in many applications.

4388 WORD TEACHER
The computer helps you learn simple words and how they are structured. An excellent program for ages 4 - 6.

4389 MATH RACE
A great program for learning addition and subtraction Five levels of play make this fun for the entire family.

4390 MATH AID
Computes area of triangles, figures averages, solves quadratic equations.

4391 GRADE BOOK
An excellent grade averaging program, which allows you to input course number, semester year, course title, and track records for up to fifty students. The program allows for weighted or unweighted grades, and is ideal for most teachers.

4392 HAPPY SPELL
Spelling drill by computer. Any word can be entered. Mistakes are remembered and redrilled. This is one of the best educational programs we have seen for elementary school children. An excellent programming job by Sam Bryan.

4393 MICHIGAN
A great tutorial about the state of Michigan. Good graphics and music enhance the program greatly!

4394 RUSSIAN TYPEWRITER
Practice your Russian with this program. It turns your 99/4 into a Russian language typewriter and displays its alphabet on the screen.

4395 SPANISH MATH QUIZ
A Spanish math tutor which teaches addition, subtraction, multiplication, and division.

4396 PIGGY BANK
An excellent program for teaching children the value of saving money, as well as teaching them how to count it.

4395 CONSONANT DRILL
A good spelling aid for elementary level. A few bugs in program.

4397 EUROPEAN CAPITALS
A good program for drill in geography of Europe.

4398 SPELLING TESTER
Limited to 10 words. Could be modified for use with TEII.

4399 TEACHER'S GRADEBOOK
An excellent helper for a teacher at grading time.

4400 STATES & CAPITALS
A geography drill in which you can guess either the state or its capital. Some misspellings in program need correction.

4401 SIMPLE ADDITION PRACTICE
Similar to #4341 used to drill arithmetic.

4402 TEACHER'S CLAIM
Great job of entertaining graphics in this arithmatec drill program.

4403 DIPHTHONG DRILL
Another spelling practice drill program in our ever-expanding section of educational aids.

4404 LONG VOWEL DRILL
Spelling practice emphasizing long vowels.

4405 WORD TOTALER
A teaching game for word values according to their order in the alphabet. Challenging and entertaining to make learning fun.

4406 ARITHMETIC WORD PROBLEMS
Offers arithmetic problems for different grade levels.

4407/D TEST WRITER
Great for teachers. You can create custom exams with the computer and store them on disk for later recall. A great help with paper work.

4408 LANGUAGE EXPRESSIONS
A very good educational program for teaching children language skills while having fun.

4409 WORD SCRAMBLE
A teaching game for children where they learn while playing the game.

4410 ADDITION PRACTICE
You will wish you had this when you were in school. A very well done program that will delight the young ones. It uses sound educational concepts but is not boring. Get the answer right and you are treated with a wonderful fireworks display. A must for 3rd/4th grade level.

4411 WORD TWINS
Another instant classic from Sam Moore. A beautiful teaching program that drills homonyms in clever rhymes spoken by "Rocky Robot".

EDUCATIONAL

4412 ROADRUNNER
A great game teaching simple addition & subtraction. Uses timed sequences to heighten interest. Even oldsters will enjoy it.

4413 ALPHABET SOUP
An excellent program for pre-reading level children for learning letter recognition. Well thought out with good graphics.

4414 w/4414/D1 & 4414/D2 SPELLING TESTER
A comprehensive spelling test program. Gives a printout of all responses and correct answers. Also needs Speech Editor for Basic and Speech Synthesizer.

4415 LET'S PLAY ARITHMETIC
Your choice of game plus drills or problems. A comprehensive program helping to make learning fun.

4416 LEUKEMIA TUTORIAL
A complete computer lecture on leukemia. Of interest to all. It also provides source for more information later.

4417 THE BARNYARD GROUP
This is a series of five programs teaching 3rd or 4th grade level arithmetic. They are very well done with excellent graphics. Each program should be ordered separately by the following number:
4417/1 ADDITION
4417/2 COUNTING
4417/3 DIVISION
4417/4 MULTIPLICATION
4417/5 SUBTRACTION

4418 JR. HIGH MATH HELPER
A most useful aid to students in math, geometry, and "trig".

4419 CAPITALIZATION PRACTICE
A fantastically well done program for 3rd grade and up to practice syntax rules in English. Will captivate the children with its excellent graphics.

4420 U.S. FACTS
A one or two player "game" to learn and test on U.S. history. Well done. We wonder just how many grownups can do well on this!!!

4421 CONSTELLATIONS
An extremely well done program to learn about the constellations. Great for Astronomy buffs or anyone who wants to identify the stars in the night sky.

4422 THE MUSIC TEACHER
A MUST for anyone studying music. Teaches and drills on note sequence and chord theory. A delightful, excellent programming job!

4423 GEOQUIZ
A good Geology testing program that test on geologic names, eras and dates.

4424 VOCABULARY TEST
A high school level vocabulary test/game that tests for meanings, antonyms and synonyms. Grownups, don't let your children catch you losing at this one! Practice late at night first!

4425 STUDENT GEOMETRY AIDS
A series of five programs to help the Geometry student in problem solving. Each program should be ordered seperately by the following numbers:
4425/1 PLANE GEOMETRY
4425/2 SOLID GEOMETRY I
4425/3 SOLID GEOMETRY II
4425/4 EUCLIDIAN TRANSFORMATIONS
4425/5 SOLUTION OF TRIANGLES

4426 SPELLING AIDS
A great spelling aid for the 2nd or 3rd grade child. Speech maintains a high interest level.

4427 UNSCRAMBLE
A good educational game of unscrambling the words. Helps to reinforce good spelling.

4428 FRACTION DRILL
An extremely well written program that teaches and drills students in fractions. Helps and hints aid the student and the program then saves the missed items on tape for the teacher to review later, Highly recommended!

BUSINESS AND PROFESSIONAL

5400 FINANCIAL MATH
We think this is our best program for working with interests or annuities.

5401 FACTORIAL
This program computes the factor of any positive integer up to 85.

5402 RECEIPT EXPENSE
By using data statements you can file your receipt expenses on tape or disk.

5403 DERIVATIVE OF FUNCTION
L. Poole and M. Borchers basic programs for your 99/4.

5404 LINEAR REGRESSION
Another Poole program.

5405 NUMBER CONVERT
Convert decimal numbers of fewer than 7 digits. Others up to base 32.

5406 ADDRESSES
File hundreds of names, addresses and phone numbers on a single disk.

5407 CHECKBOOK #1
A checkbook record keeping system that you can save to tape. Excellent programming job.

5408 ESTATE
This program does securities. Evaluation for estate tax purposes. A must for attorneys.

5409 STOCK RECORDS
List transactions, holdings and the P/L on a stock. This program uses data statements for storage.

5410 SANDWICH SHOP
This money handling program could be adapted to any retail business.

5411 STOCK TREND AND REPORTS
A very professional programming job. Anyone who has a disk system needs this one.

5412 THERMAL PRINTER TEST
This program will test your T.I. Thermal Printer.

5413 HAM FILE
A file that searches by name or call sign for amateur radio operators. It also has a sort feature.

5414 P.E.R.T.
Program Evaluation and Review Technique. This program evaluates job completion times.

5415 C.P.M.
Critical Path Method. Used in conjunction with the P.E.R.T. program.

5416 AUTO EXPENSES
This program tracks ongoing auto expenses for up to 3 cars. Data can then be saved on tape.

5417 HANDICAPPER
A program that helps in handicapping the ponies at the track.

5418 WORD PROCESSING
Allows upper and lower case and editing features. Adaptable to most printers.

5419 MOST ANYTHING YOU NEED TO KNOW REGARDING LOANS.

5420 CONVERSIONS
This program will convert all metric functions.

5421 CHECK SORT
By listing checks in data statements you can sort by number, alphabet or amount.

5422 SORTS
Program produces a normal distribution sample of up to 1500 positive integers according to your demands.

5423 AMORTIZATION SCHEDULE
Gives interest and principals for any loan.

5424 ANNUITIES
Gives future values of regular deposit annuities.

5425 CONVENTIONAL LOAN ANALYSIS
You input the interest insurance etc. then get a printed copy. An outstanding program.

5426 HOUSE INVENTORY
Use data statements to inventory your household goods.

5427 CONVENTIONAL STEP LOAN
Use this program to set facts on a step loan.

5428 DEPRECIATION SCHEDULE
This is all you need to depreciate anything.

5429 HOUSE COST
Program helps you design a house then cost it.

5430 INSTALLMENT PAYMENTS
Figure what installment payments are to be.

5431 STOCK TRANSACTIONS
Use data statements to track stocks. An excellent program.

5432 CHECK BOOK BALANCE
The easy way to balance your checkbook.

5433 LOG
This program makes logarithm simple.

5434 RECORDS
Program offers many search features and can be used as an accounts receivable program.

5435 CHISQUARE
This is a great chisquare program.

5436 INTEREST PROJECTOR
Project interest on any amount.

5437 1040 FORM
This program completes form 1040 and sched. A, B, and D.

5438 ALPHA NUMERIC
This program can be used by itself or as a part of a larger program. It will sort any set of names or letters alphabetically.

5439 XMAS-LIST
By using data statements keep an accurate record of your Christmas card list.

5440 COMPARE
Compares prices of similar products from different manufacturers and computes the percentage difference.

5441 COMPARE/PTR
The same as the compare program but will allow the use of a printer.

5442 DECISIONS
By assigning different weights and values this program makes decision-making a snap!

5444 DEDUCTIONS
A program that allows a printed record of standard tax deductions. A terrific time-saver!

5445 DIRECTORY
A good programming job on this one! By using data statements store useful information in directory form.

5446 INCOME/AVE.
This program prints and records all information pertaining to income and expenses, then it will compute all figures for tax purposes.

5447 INSTPMT.
Computes installment payments for any asset purchased.

5448 INV-VALUE
Will compute the future value for any investment purchased.

BUSINESS AND PROFESSIONAL

5449 INVEST?
Super program for computing investment decisions. Analysis given investment with or without capital gain; computes the tax on investment and gross profit while giving consideration for the inflation rate.

5450 MED-EXPENSE
Program keeps a running total on all medical expenses incurred in a year. Convenient around tax time.

5451 PULMONARY TEST
Excellent program for computing pulmonary functions of patients in both industrial or non-industrial climates.

5452 STATEMENT
Using an RS232 type printer you can design and print business statements.

5453 PROFITMIX
A complex math matrix which does meats costing for a meat processing plant, could be adapted for other uses.

5454 DATA BASE #1
Includes loans, CCI and a checkbook balance.

5455 HOME BUDGETING
This program tracks household budget items then gives a printed result.

5456 FUZZY DECISION MAKING
Another decision making program that allows you to weigh the importance of hard to reach decisions. A well thought out program.

5457 MASTER INDEX
The author of this program uses data statements to store his software library. A good program to use for this purpose.

5458 ?PAY
What is your time worth? Enter your base salary for a whole week and learn what your time is really worth.

5460 LIFE EXPECTANCY
Do you wish to see how long you will live? Get this one and find out.

5461 EQN
This program solves a set of simultaneous equations. Great for High School or College algebra students.

5462 FINANCIAL PLANNING HELPS
An excellent program which includes, compounding on deposits or lump sums, monthly accumulation, and annuitized retirement plan.

5463 FLIGHT PLAN
A must for all of you aviation buffs. Set your longitude and latitude, air speed, wind, and learn all the facts.

5464 THE CHURCH TREASURER
By using data statements in this program a church treasurer can track monthly disbursements, in five broad categories. A good program!

5465 RECORD FILE
With the use of a data disk, store many different name and address files with other pertinent information. A great program to learn file handling from.

5466 TREND LINE ANALYSIS
This program calculates the slope the values you input for tracking stocks, bonds or commodities. You can store the values in a file, and optionally list the array contents or slope values on a printer. A very well thought out program.

5467 MAIL LIST CND #3
Using the Texas Instruments disk based mail list program, you can see the data as it is being condensed and sorted.

5468 MAIL LIST SEARCH-PRINT
For use with T.I. mail list program. You can search a name then immediately print a label. An excellent tool for those of you who use the mail list.

5469 PRINT RIGHT
Having trouble lining up your decimal points? Then here is a great little sub-routine for you.

5470 DOCTORS BILLING SYSTEM
Can be adapted to almost any doctor or dentist office. The program offers a printed statement for all services rendered and presents the patient with current and total charges.

5471 LABELS
Using an RS232 type printer make your own personalized mailing or shipping labels.

5472 INTEREST PROJECTOR
By using a given date and amount, this program projects interest on either a simple or compounded basis.

5473 REGRESSION
This program provides simple linear regression, multiple linear regression, DTN-order regression, Geometric regression Expontial regression. A very well written program and most useful.

5474 LOAN TREND ANALYSIS
An excellent program dealing with loans and interest options.

5475 EMPLOYEE PAY CHART
Enter employees name, hours worked, hourly rate and the proper percentages for State, Federal and FICA withholding, and the computer will figure the required deductions to be made.

5476 STATEMENT ANALYSIS
From any corporate financial statement you can use this program to check on it's financial health. A very good program that goes into some depth.

5477 OPERATIONAL COSTS
Designed for a person who has investment property. Feed in mortgage cost, insurance and other expenditures to inform as to actual operational costs.

5478 COSTING
Enter overhead costs, enter all fixed and any variable costs. The computer will complete job costing for you. Could use some instructions.

5479 FINANCIAL RATIO
A simple program to compute current ratio, acid test, net profits on sales, investments, etc. Also helpful in critiquing your investment turnover and return on investments.

5480 INVESTMENT CALCULATOR
An excellent program that calculates 8 different financial sets. Future value, investments, loan balance, loan term and your amortization schedule.

5481 EXPENSE ACCOUNT
Allows in-put of all daily business expenses. Then gives a weekly summary and totals. A good program that with a little work could be a great one.

5482 GENERAL INVENTORY
Stores up to 200 items. Tracks item number, description, number on hand, cost, location, class, and selling price. A real bargain at $3.00 or on exchange.

5483 BREAKEVEN
Enter variable and fixed costs, and computer will calculate total costs and breakeven quantity. Good instructions.

5484 COLUMNAR PAD
This program reproduces a columnar pad with a descriptive column and seven numerical columns. A very useful program for many business situations.

5485 BARGRAPHER II
A rather fundamental bargraphing program that can be reworked quite easily an inserted into other programs.

5486 STOCK COMMISSION
A well done program that estimates commissions and determines stock gains and losses.

BUSINESS AND PROFESSIONAL

5487 PAY CHECK
A very indepth check handling and analysis program. Very useful to anyone who is self-employed or anyone who would like to keep accurate records of their pay statements.

5488 THE INVESTOR
A superb program that is extremely flexible and useful for anyone who has stocks. Program is near professional level of programming. Worth having even at a $50.00 price.

5489 THE BILLER
Maintains credit history and account information for a small business. Files stored on cassette for later use.

5490 BID PROJECTOR
A useful program for the small businessman. This one projects costs, job costs and creates bids on jobs. A good evaluation tool.

5491 COST EFFECTOR
A useful program that calculates cost effectiveness of quantity ordering based on turnover, price breaks and maintenance costs. It can help save you money in your business.

5492 RAFFLE TICKET PRINTER
For a church group or parent's group you can print out your own raffle tickets for whatever occasions. Tickets are numbered.

5493 INTEREST/DEPRECIATION SCHEDULE
Prepares interest or depreciation schedules based on data you input to program.

5494 INVESTMENT COUNSELOR
A comprehensive program and complete program designed to aid you in all of your investment decisions and record-keeping.

5495 THE TAXMAN
Prepares all entries for Form 1040. Works with itemized deductions of all sorts. Most helpful at tax time.

5496 ITEMIZED DEDUCTION WORKSHEET
An itemized deduction worksheet that stores your data on tape. You may alter the data at any time and keep your records current.

5497 FINANCIAL WORKSHEET
A financial planner and worksheet. Store data on tape and have a printout at any time. Very useful in many applications.

5498 PERSONAL BANKER
Keeps a record of finances. Can make sample calculations, handle and update records on checking and savings account data. A well written program.

5499 PAYROLL CLERK
Calculates payrolls with all deductions for business use. Includes information on overtime. Different tax withholding ranges are automatically calculated. Can be modified to print checks on printer.

5500 FINANCIAL HEALTH
Checks and tracks trends on the financial health of a company over up to a 10 year period. Data generated on information available from company annual reports. A very useful program.

5501 FLIGHT PLAN CALCULATOR
Two programs in one. Used as a flight planning calculator and worksheet. Amateur aviators can make good use of the one.

5502 ACCOUNTS FILE
Maintain, update, change records on up to 25 different accounts with up to 15 different categories. Most useful for rental property owners. Can be modified in many ways and is very flexible.

5503 AUTHORITY FOR EXPENDITURE
Prompts for gas or oil well infromation and 69 categories to create an Authority for Expenditure.

5504 LIFE CYCLE COSTS
An extremely complex and thorough program for determining life cycle cost of equipment for industrial plants. Originally written for Air Force use and can be modified for other uses. Has a built-in tutorial.

5505 PAYROLL RECORDER
A very complete program to maintain a payroll and save the data. This program can be easily modified for use with disk. Many different calculations are allowed.

5506 CATALOG
This program is used to create and then print catalog sheets for a business. Can be adapted to other uses.

5507 WORKSHEET
This program gives you a "spreadsheet" to work on figures in a 12 row by 4 column matrix. Quite useful for inventory, etc.

5508 EXPENSE JOURNAL
A fantastically complete program for the salesman or business man on an expnese account. Keeps and prints records on a day to day, week to week and year to date basis. Indispensible for maintaining business and tax records.

5509 GLASS ESTIMATOR
A program for a person in the glass business. Creates estimates for all types and sizes of glass both on a wholesale and retail basis. Adaptable to other uses.

5510 MINI INFO-STATS
Creates lists or graphs of two elements for comparison purposes on different bases. Several options enhance the programs versatility.

5511 BAR-GRAPHER
This program creates bargraphs of your data in any easy to view format. The program will automatically adjust scale if you desire and also display totals and averages of data. A very useful item.

5512 LIGHTING FACTORS
This program stores data in data statements to generate information about all lighting factors in various rooms. Most useful for building or rental property owners.

5513/D AUTO-GRAPH
A very complete and useful program for anyone needing bargraph presentation of data. You can have up to 10 different files in memory at one time and 52 items of data for each. Comes with a sample data file AND printed instructions. Use to graph stock or bond prices, interest rates, weekly expenses, utility consumption or test results with a fixed base.

5514 SECURITIES PORTFOLIO
A well done and complete program for maintaining all sorts of records on your stock portfolio with a printout of all the most up to date information about it. Enormously broad in coverage.

5515 PORTFOLIO ANALYSIS
A great auxiliary to #5514 does a complete up to the minute analysis of your portfolio for gains, losses and trends.

ENGINEERING

6001 MOHR'S CIRCLE
This program is used to find stress shafts, beams, etc. This can be used in both mechanical and civil engineering.

6002 FFTA 256 FFT POINT PROGRAM
Input required 256 real quantities in the time domain. Output consists of 128 points in the frequency domain between 0 hz and 1/2 the sample data rate (hz).

6003 ANTENNA
This program is based on the phase-vector summation of ideal halfway dipoles as seen from a great distance. This program allows you to see a good representation of the approximate field pattern.

6004 DATA FORECASTING DIVERGENCE
Simple program that delivers total errors, total absolute errors, squared errors, mean errors, etc.

6005 TEMPERATURE CONVERSION
Converts any temperature to fahrenheit, celcius, reaumur, kelvin, or rankine.

6006 BLACK BODY
By inputting temperature, wavelength, and increments of wavelength you can find the radaint emittance of watts/cm2.

6007 CIRCUITS
This program computes the total resistance of both series and parallel resistance circuits.

6008 STATS
This program will calculate basic statistics - sample, size, mean, standard deviation, and estimated percent high and low of the population. The 3-sigma limits, the 6-sigma spread, the 8-sigma spread and if you have a printer it will plot your histogram.

6009 ELECTRONICS
This program supplies several useful functions. Resistors in parallel, capicators in series, resonant frequency, frequency and wavelength. Ohm's law and antenna design.

6010 AMP CIRCUITS
For 99/4 ONLY. You are asked to input the desired closed loop gain and the maximum desired frequency. The computer will then design a circuit using the popular 301A integrated circuit, and specifications of the circuit will be calculated. Excellent graphics usage!!

6011 3-D PLOT
Extremely slow but EFFICIENT. Define the function you wish in line 5, and watch the computer go to work.

6012 BORE
This program calculates an orifice bore diameter for a specified pressure drop in a given liquid pipe flow.

6013 CROSS CORRELATION FOR CURVES
This program does a cross correlation between two given curves through use of the least-square method.

6014 HARMONIC CURVE FITTING
Program performs a fourier analysis on a set of input prints representing a set of cyclic curves.

6015 CROSSOVER NETWORK
This program calculates the inductor and capacitor values -6db or -12db per octive for 2-way speaker crossover network.

6016 ALTERNATOR & TRANSFORMERS
Computes % voltage regulation for transformers or three phase alternators.

6017 MATRIX
This program allows you to manipulate rows of a matrix when performing Guass-Jordan eliminations.

6018 CURVE/FIT
This program will interpolate intermediate data points from cartesian coordinates you input, and optionally plot them on your screen. Higher mathematical knowledge desirable.

6019 AC/VOLT
This program converts between peak, effective, and average voltages.

6020 AMP-CIRCUITS
Computer aided amplifier design using the 301A JC. Enter frequency response and gain. The computer "draws" the schematic diagram, computes component values, and figures tolerances.

6021 POWER
Inputs your power supply and filter specifications and determines component values.

6022 REACT
Performs numeous calculations dealing with reactive circuit components.

6023 ELECTRONICS SOLVER
This program can do computations in nine different areas of the field and save you a lot of time and work. Well thought out.

6024 ATOMIC WEIGHT CALCULATOR
A useful aid for the chemistry student in determining the atomic weights of any chemical compounds.

6025 STATISTICAL ANALYSIS
A set of two programs combined into one. Used for analysis of random block design. Using data statements you can customize it.

6026 MOVING TIME-DATA
Computes averages of moving time-data.

6027 TRIGONOMETRIC CALCULATOR
Turns your TI 99/4 (A) into a complete calculator to solve all sorts of problems in trigonometry.

6028 NEWTONIAN INTERPOLATOR
Performs Newtonain interpolations in a snap.

6029 ANTENNA ALIGNER
Performs all calculations for aligning antennae relative to satellite location.

6030 MULTIPLE REGRESSION ANALYSIS
A program to work on multiple regressions with the aid of the 99/4A.

6031 555 TIMER CIRCUITS
Solves for time-component values in 555 timers.

6032 DECIBEL CALCULATOR
Solves for unknowns in dB, voltage and power ratios.

6033 GEOMETRY CALCULATOR
Solves volume and area problems for most common geometric figures.

6034 STATISTICAL ANALYSIS
A rather complete program to generate data in statistics from simple input of population and grouping information.

6035 OIL WELL CASING DESIGN
Two program in one for design of 4.5" and 5.5" oil well casings. Automatically calculates what casing can be run with safety factors figured for each section of casing.

6036 RESISTIVE ATTENTUATOR DESIGN
Graphics representations of circuits help to make this program easy to work with in developing your data.

6037 FACTORIAL II
Quite complete program working with factorials of ANY integer.

6038 CROSSOVER NETWORK DESIGN
Develop data for building crossover networks for your speaker system.

6039 HYPNOTIC INDUCTION
NOT a toy or graphics demo. This is a screen pattern to be used as an aid in inducing a hypnotic state. NOT RECOMMENDED FOR USE BY PEOPLE WITH HISTORY OF VERTIGO, MIGRAINE OR EPILEPSY!

6040 WIND CHILL FACTOR
Calculates the windchill factor after input of a couple of simple data.

ENGINEERING

6041 CLOSED LOOP SYSTEM ANALYSIS
A good program for ... just what the name says.

6042 PRIME NUMBER CRUNCHER
A rather complete program functioning as a worksheet to deal with prime number problems.

6043 STATISTICS TABLES
A very complete program in statistics developing data in probable permutatons, Chi-squares, meam & standard deviation, moment, skewness, kurtosis and linear interpolations among others.

6044 COMET CALCULATOR
This program calculates the position of select comets for any given date.

6045 PLANET WATCH
Calculates the position, phase, distance, angle, size and magnitude or any planet on any date.

6046 FIBONACCI'S NUMBERS
Generates all Fibonacci numbers up to whatever number you request.

6047 PIPING SYSTEMS ANALYSIS
Calculates Reynolds number, friction factors and other data.

6048 TELESCOPE SPECS
Calculates telescope specifications and eyepiece requirements based on your data input, Has graphics as an aid.

6049 UNIVERSAL TIME
Converts universal time to local time for all time zones in the USA,

6050 POLYMONIAL CURVE
Calculates polynomial curves by method of least squares for up to 100 points.

6051 CONVERSIONS II
Another fine conversions program which does conversions on temperature, mass, length, volume, angles, energy and pressure,

6052 MATRIX DETERMINANT EVALUATOR
Calculates the determinants for 2x2, 2x3 for 2x4 matrices.

6053 VECTOR ADDITION/SUBTRACTION
This program does addition or subtraction of vectors in either polar or rectanglar format.

HOME IDEAS

7001 BUY OR RENT?
A helpful program that is good in decision making when you don't know whether to buy or rent something.

7002 CREDIT CARD MGT.
Keep track of your credit card charges with this program. It allows you to enter a new account, display or update, list all accounts and you may save or retrieve from your own data tape.

7004 LISTS
An excellent program to store lists of birthdays, things to do, or other information either by use of data statements or cassette input. A good program however no instructions are available.

7006 MAILING LIST
One of the best cassette based we have seen. It will add, delete, search, and update names.

7007 DIET MANAGER
In this disk only program you create files to track weight control. An excellent program.

7008 HOUSEHOLD BUDGETING
An excellent program to track your monthly income and outlay. Several screen prompts cover all household items.

7009 KITCHEN AIDS 1&2
A two part program that converts measures for recipies. An excellent program.

7010 HOME PACKAGE
This 3 part program does value appraisals, mortgage amortization and buy/rent comparisons. A very well written program that is a must for all Homeowners.

7011 EATS
By use of data statements in this program you can pick the type of restaurant you wish to eat at, the type of Entree, the price and the location. A very helpful program.

7012 LOAN COMP
A very helpful program that compiles loans by interest, years and amounts.

7013 7 DAY CLOCK
This program features a seven digital clock, options for 14 write-in messages, 1 for ech AM/PM segment, 5 programmable sonic alerts and top of the Hour and Half Hour beeps.

7014 AUTOMOBILE COMPARISONS
Shopping for a new car? This program compares several different automobiles and what true cost differences are.

7015 YEARLY FACTS
This program allows the user to enter messages at any given calendar date then recall the messages by simply typing in the month and day.

7016 COMPUTER MEDI-ALERT
A what-to-do-if program that covers a broad range of medical information dealing with overdoses of drugs, alcohol or poisons. A must for every home.

7017 COOKIE FILE
Use the 15 recipes that are given or change to create your own favorite cookies. This is a great program for anyone with a sweet tooth.

7018 HEAT AUDIT
Audit energy usages for the months of Oct. to May. This program predefined rates for most metropolitan cities. Fuel units can be entered in any energy form.

7019 COOL AUDIT
Audit energy usages for the months of April to Nov. A must program for the energy conscious Homeowner.

7020 INCOME AVERAGING
An excellent program that lists amounts to be entered on schedule G of your 1040 Form for taxes.

7021 PAY CHECK MANAGER
An excellent program which keeps track of your with-holdings from your weekly paycheck. This program will be INVALUABLE at tax time.

7022 BILL TRACKER
Excellent program for tracking monthly expenditures on credit cards, fixed and variable household bills. All data is saved to cassette for easy retrieval. A FANTASTIC program for record keeping.

7023 HEALTH TEST
Written by a physician who owns a 99/4 and based on government statistics, this program may hold the key to LONGER LIFE.

7024 NUTRITIONAL SCOREBOARD
Choose from different food groups to find the nutritional values. Program offers an index and analysis section.

7025 FAMILY TREE II
This family tree program allows disk file storage of family members. Menu driven, it is easy to operate. An excellent program, and an excellent programming job.

7026 ANCESTORIAL FILE
Excellent program for maintaining disk files on complete family history. Menu driven, and easy to operate.

7027 HOME CHECK PROCESSOR
This program allows the user to file, sort, add, manipulate all of your house checking chores. A very well done menu driven program that is easy to operate. Bill Tucker has created a program that should grace each 99/4 owners library.

7029 GAS & ELECTRIC USAGE
An excellent program for all 99/4 owners. By the use of data statements that you supply, you can create a bar-graph for consumed power. Programming technique is superb.

7030 PERSONAL FILE
A file keeping system for your personal records. Files are saved and read from tape, editing and search capabilities are included. Easy to follow format.

7031 RECORD COLLECTION
Data statements are used to keep an inventory of your record collection. Records are displayed sequentially.

7032 TRAINING CHART
A record keeping program to chart training progress. Could be modified for other purposes. A little short on instructions, but not too hard to figure out.

7034 RECIPE
Creates a file for your favorite recipes, and will allow you to view the instructions to prepare them. Stores recipes using data statements.

7035 TV SCHEDULE
This program will store your intended TV viewing on data statements. You can then recall them by day or title.

7036 BULLETINS
A computerized memo board. Notes are input via data statements. A very simple program that could use some work.

7037 HEATING
This program determines the heating factors of your house. You can then try different improvements, and it will estimate your savings. A good program, but one problem: it references a map, but none is supplied.

7038 GAINS
Plan your savings. Enter starting amount, amount of deposit, number of times per year deposit will be made, average interest rate, and number of years. Screen will display a year by year projected savings balance.

7039 LIBRARY
Can't find a book when you need it? This program will catalog your collection by using data statements. It can search for books by author, title, subject, or key word.

7040 FREEZER
Avoid food spoilage with this freezer inventory program. It will keep track of 115 contents, and expiration dates. It will also allow you to list them many ways.

7041 ANTIFREEZE
A somewhat techanical program that determines how to mix antifreeze for different temperature environments.

HOME IDEAS

7042 WINE INVENTORY
Stores your personal wine data in data statements in the program and you have the information about your wine collection at your fingertips. Quite useful!

7043 PERPETUAL CALENDAR\CLOCK
A very professional job of programming, this program combines a clock and a perpetual calendar in one. very well done.

7044 TRIPLE TIMER
Another winner from West Germany. This is a stop-watch, alarm clock and a regular clock all in one. An excellant program that is very well done.

7045 ANNUAL BUDGET
A very flexible program that will generate full year budget data in many useful categories. Should be most helpful in easing money chores and knowing where it all goes. Very easy to use and understand.

7046 HOUSEHOLD BUDGET AID
A useful adjunct to the Household Budget module, this program will prepare totals of all the House-hold Budget categories.

7047 QUICK BUDGET
An expense amount calculator based on checkbook balances.

7048 CHECKS BALANCE PRINTER
Balances checkbook, sorts checks and gives a print-out. It can be modified easily to use an impact printer.

7049 COOKIE FILE II
A TI Basic version of #7017 for those who do not have Extended Basic

7050 THE GROCERY LIST
A great timesaver for any busy housekeeper. This prints a list of only those things you need. There is room for 999 different items. Prints lines for notes and comments. Lists quantities.

7052 BUDGET CONTROLLER
A very complete and well written program for develop-ing and maintaining budget data. Easily adapted to disk use.

7053 MENU PLANNER
Using data statements you can develop menus and then automatically print out a shopping list for them.

7054 MORTAGE SPREADSHEET
Will give a year by year printout of mortgage payments with a complete breakdown of principal, interest, and balance.

7055 HOME BUDGET SPREADSHEET
An excellent program in presentation and concept. Using a static screen display, you are given a spreadsheet for budgeting work and see instant changes in all date on changing input. Most useful.

7056 FURNITURE ARRANGER
Now rearrange your furniture the easy way - with a joystick! With this program you can move different pieces of furniture around to get the one you find most pleasing. Husbands rejoice!

7057 DIET/RIGHT
A most complete program for proper nutrition and diet. Gives a lot of data about daily needed intake, nutritional breakdown of food and recommendations.

7058 FUEL COMPARATOR
Does fuel comparison costs for different types of energy including solar power.

7059 SAVINGS ACCOUNT MANAGER
A very useful program that figures interest earned between any dates you choose. It also updates for deposits and withdrawals.

7060 CHECKSCANNER
This program will handle a date on your last 20 checks written. You can then scan them to read data based on your choice.

MISCELLANEOUS & UTILITIES

8001 DECOMPRESSION CALCULATION
A must for the Scuba diver. Using workman model find out what decompression times are needed.

8002 ELLIPTICAL ORBITS
This program computes the position of any minor planet, given its orbital elements. Plus much more.

8003 FULL MOON
This program will compute the new and full moon cycle for any given year.

8005 GOLF HANDICAPPING
This program adheres to the U.S. G.A. system as closely as possible. Establish your course rating then enter previous scores up to 20 to find out your true handicap.

8006 WORLD MAP
This program will print a map of the World and allow the user to plot up to 28 latitude and longitude points. Very educational, very entertaining, very good.

8007 CURRENCY CONVERT
This program allows the user to convert currencies from one type to another and vice-versa.

8008 MODEL ROCKET
This program analyzes model rocket design from input statements. This program will also help in perfecting your rocket design.

8009 CALENDAR
If you want to find a date between 1600 and 2399 then this program is for you. Additional features allow you to print any calendar year.

8010 FOOTBALL RATING SYSTEM
A nifty system for rating college or pro football teams with stats provided by you. Information is saved on cassette for retrieval at any time. An excellent program.

8011 MAIL PREP
This program is a must if you are a Source subscriber. It allows you to create a letter file that can be easily dumped into source mail while using the TE II and a disk system. A most innovative program.

8012 TE II LOG-ON FILE GENERATOR
A great revision of TI's log-on file for the TE II. The program allows you to generate a new lot, load an old log, list a log, print a log, edit a log, of store a log. A must for all Data Base users.

8013 SPRITER
A very useful program that allows you to define 4 character sprites on the screen. It will then give you the 64 digit code for those sprites.

8014 BASKETBALL STATS
From Alabama comes this great Basketball Stat Program. An ideal score keeping chart to use during the games.

8015 BASKETBALL STATS PART II
This program will provide stats for an individual player and scoring stats for his team. An excellent program.

8016 ORBIT
Based on the Polar Orbit of Oscar 8. This program prints out successive orbital equatorial crossing times and longitudes for satellites in Polar Orbit.

8017 BOWLING TEAM RECORDS
A great bowling secretary program which allows the user to input weeks scores, display team summary, input a new team member, and display bowlers records. Menu driven, this program is a must for the serious bowler.

8018 SMOKERS TEST
A self assessment test that tells smokers why they smoke. A very thought provoking program.

8020 TITLE GENERATOR
A super program that creates colorful title screens that can be transferred to video cassette players. An extremely useful program.

8021 AMAZING METS
The history of one of baseballs most amazing teams is catagorized in this unique program. Follow the 1969 N.Y. Mets on their road to victory through this program.

8022 WEATHER STATION
This program draws a station model based on information you give it. Not a program for amateurs.

8023 SHRINK
A must for the serious programmer, "Shrink" will do just what its name says. It reduces the memory needs of your program by removing all REMS, shortening all variable names, and replacing all "1"s with @, saving 2 bytes per "1". Total memory savings can be substantial!

8024 TAPE FILE
Having trouble keeping track of all the programs on all those cassettes? This program will create an indexing file to keep them straight.

8025 ALTERNATING CHARACTER
This will help you program motion into your graphics. You input two 4-character hex strings and they are alternately displayed.

8026 2 X 2
A simple program which allows you to enter four characters as hex strings which it then interprets and displays.

8027 BOWLER'S SECRETARY
A most complete record keeper for bowling team or league. Computes a great variety of data and stores it on cassette. Two programs.

8028 DISK INDEXER
Uses data statements to make a master of all your disks and what is stored on them. Very useful.

8029 I-CHING CASTER
Tosses the sticks for you and prints the hexagrams on screen. You then look them up in an I-Ching book for the meaning.

8030 CONVERSIONS
A utility program that is very useful for all sorts of conversions of temperatures, factorials, logarithms coordinates, nth roots, sound pressure, etc.

8031 ASTROLOGER'S HELPER
Not a game or forecaster. This is a highly technical prrgram used for calculating all the mathmatical data for preparing a horoscope. Should be most useful for the serious horoscope preparer.

8032 ELECTION FORECASTER
Based on data you provide as the precincts report in, this program will project and predict the outcome of the election.

8033 JOURNAL
This program provides a 10 page journal with 24 lines each to keep track of your activities. You can search either by page number or by date of entry. Data can be stored on tape or program can easily be altered to use disk. A very useful and well writtem program.

8034 STAGE BLOCKER
Using the graphics abilities of the 99/4 you can do your blocking for stage productions by computer instead of running around on stage with miles of tape. Very useful for amateur theatre groups.

8035 & 8035/D SCOREKEEPER
This is a complete program for maintaining data on games played and scores of games. Lots of features. Can be modified to use cassette.

8036 BASIC PRIMER I
A user version of "Teach Yourself Basic" that is well thought out and quite clearly presented. Companion to #8037 below.

8037 BASIC PRIMER II
The continuation of #8036 above. Both are extremely helpful programs.

MISCELLANEOUS & UTILITIES

8038 HEXDUMP
Gives a hex dump of memory contents on demand. Search any part of memory you want on a selective basis.

8039 GRAPHIC DISK CATALOG
Presents a catalog of files on disk with a graphics presentation of how much space each file occupies. Clearly done.

8040 MORSE CODE GENERATOR
Creates the proper code at the touch of a key. Can be adapted to other uses in Morse code applications.

8041 JOYSTICKS PLANS
Graphics plans for constructing your own joysticks. Well done.

8042 BUBBLE/SHELL SORTER
A combination program giving you both bubble sort and shell sort. You can take out what you want and incorporate it into other programs where you want to do sorting.

8043 THE PEEKER
A program designed for merging with other programs. You can then use it to see contents of memory from within the program.

8044 REM REMOVER
Will remove all REM statements from programs so that they will take up less memory space and run faster.

8045 SOCCER STATISTICS
Mantains records and statistics on a soccer team. Data is stored on cassette but may be adapted for use with disk.

8046 CASSETTE FILE DEMO
A short demonstration program that teaches you how to work with cassette files.

8047 PROGRAM COMPRESSOR
A fantastic "MUST" for programmers. This program will take regular Basic programs and convert them to multi-statement line Ex. Basic programs. Will also cleanup "loosely" written Ex. Basic programs. Saves a lot of memory and storage space.

8048 CONVERSION TABLES
A multi- purpose conversion program dealing with bases, metrics, temperature,volumes, areas, etc.

8049 CROSS-REFERENCE
Another great utility of 3 programs in one that will give you a cross reference table of variables, line numbers or once-used variables to aid in debugging a program.

8050 BAUDOT SIMULATOR
Simulates a teletype punced tape of your input.

8051 CRYPTOGRAPHER
A useful program for encoding or decoding data and for learning about coding systems.

8052 ENGIMA MACHINE II
An excellent program for encrypting and decrypting messages and data. A very useful and well written program.

8053 GOLF SCORE RECORDER
Use data statements to store a variety of data on course, date and scores. The program then sorts this data in several different ways and then computes the averages.

8054 "FOG INDEX"
After just reading something, have you ever wondered what it was that the writer was really saying? This program will calculate the readability of a sample of text. Great to analyze those letters from the politicians. Programs give breakdowns of length of words, number of words and indexes readability.

8055 BASKETBALL STATISTICS
Scorekeeper and projector for using during the game.

Quite well done program.

8056 FOOTBALL STATISTICS
Similar to #8055 but written for Football.

8057 POWER RATER
Generates and prints power ratings for different sports teams.

8058 PRIORITIZER
Helps to make choices and decisions based on your input of priorities.

8059 APHORISMS
Running for something and need a catchy slogan or saying? Then let this program do it for you. Some are absolutely hilarious!

8060 IRA COMPARATOR
A useful program for those with IRA's or comtemplating one. This program gives you the differences in chart form of tax savings you can achieve.

8061 COMPUTER INVENTORY
Maintains a data file on all your hardware and software with updated totals. Can be used for other things too.

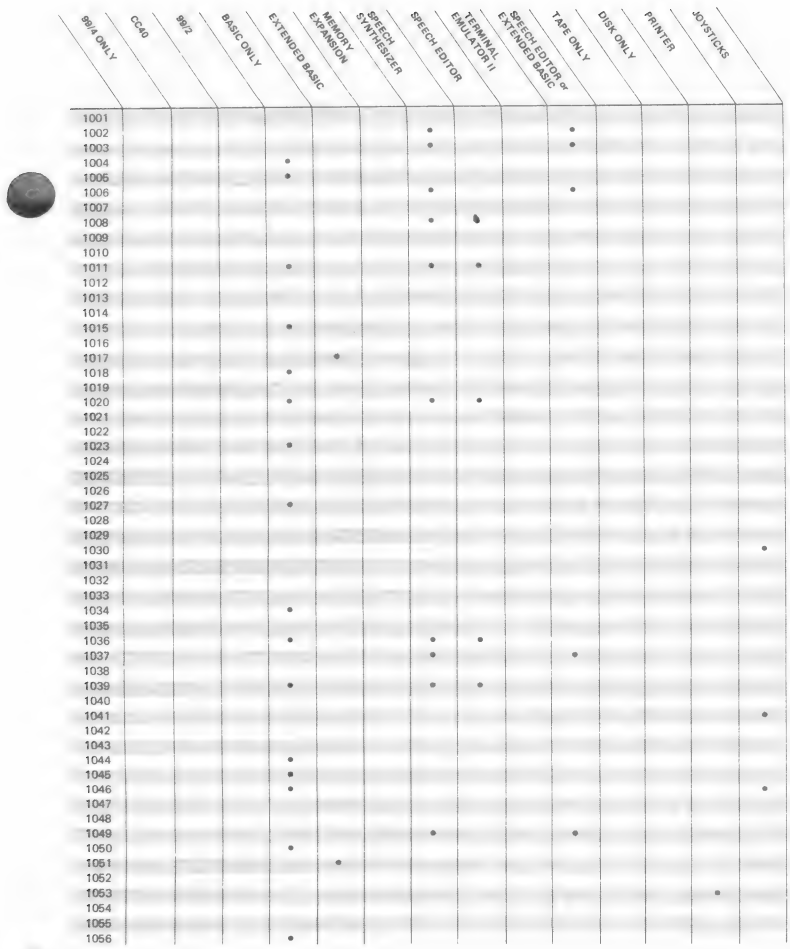
8062 JOGGER'S PACE CALCULATOR
This program calculates and projects the pace necessary for running different distances in different times.

8063 HARNESS RACING AVERAGER
This is quite complete and will generate racing time averages for up to eight horses.

8064 ARCHERY TEAM
Generates averages and team scores for archers.

8065 MILEAGE MANAGER
A marvelous program that is very complete and well written. You can maintain data files on your car's gas consumption based on your 10 latest fillups. Maintains complete statistics. A must in these days of high gas prices.

8066 LINE EDITOR
This is an extremely useful program for programmers. With it you can delete whole sections of program code without deleting it line by line. A great time saver.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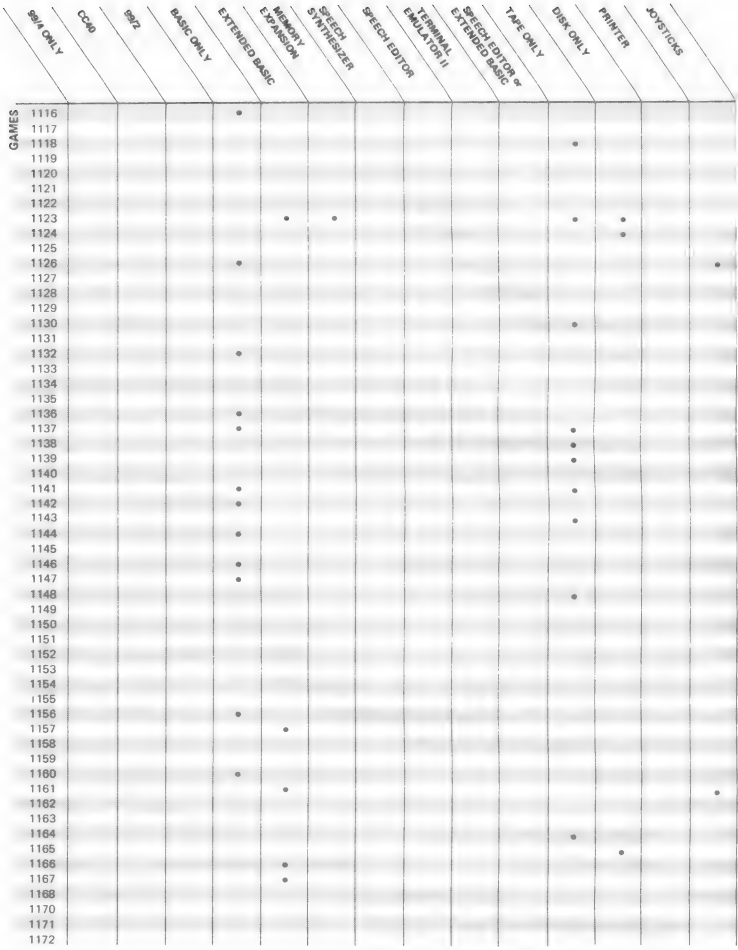
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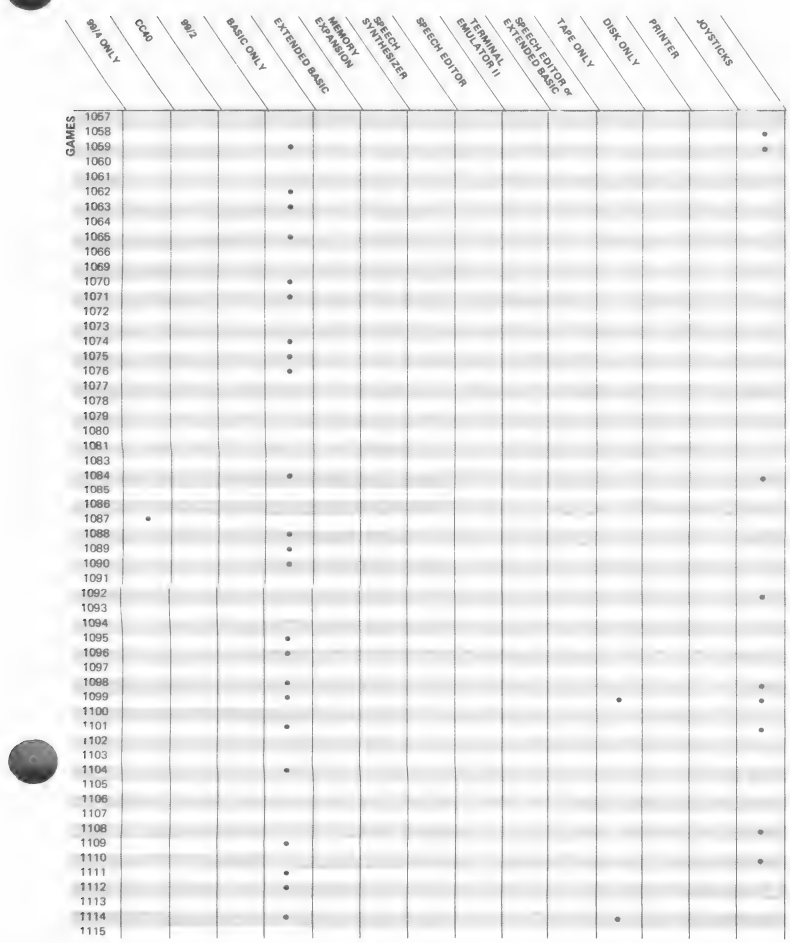
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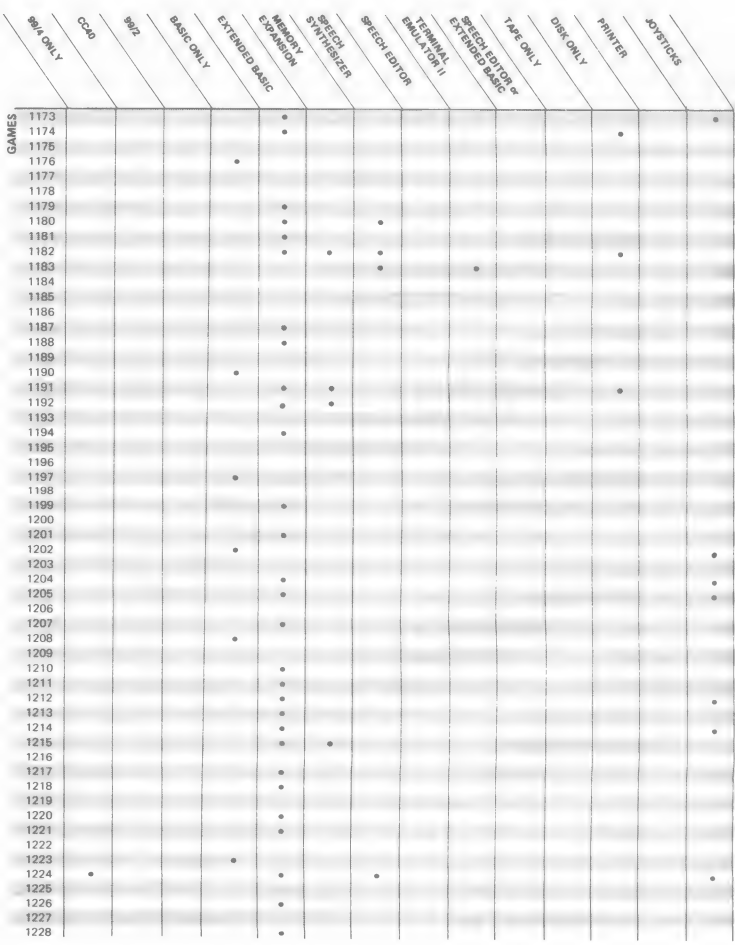
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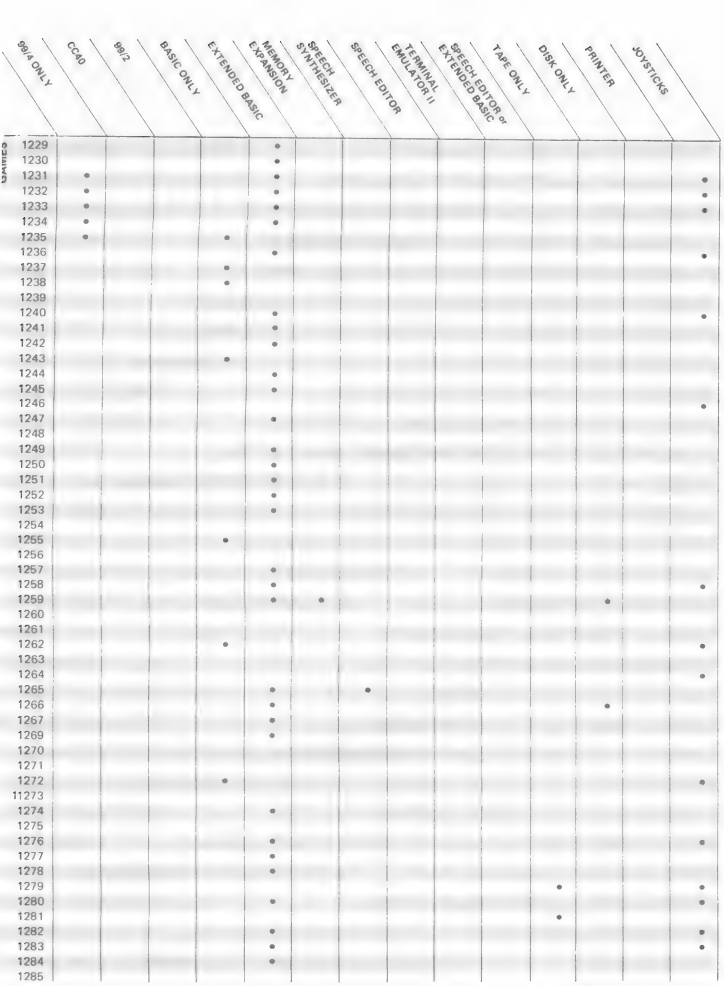
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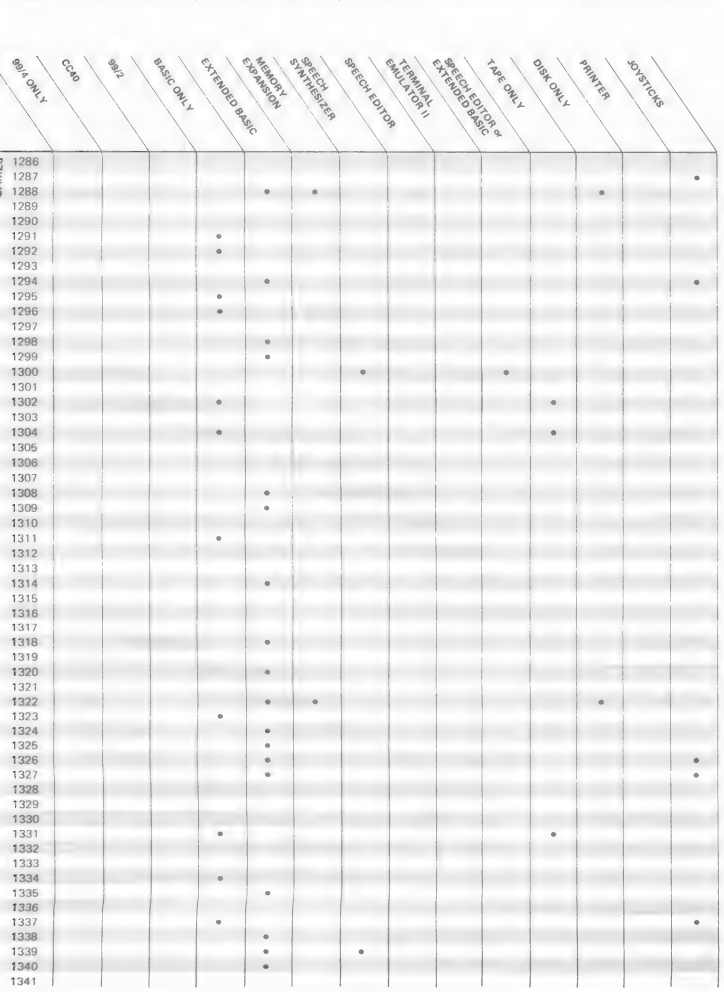
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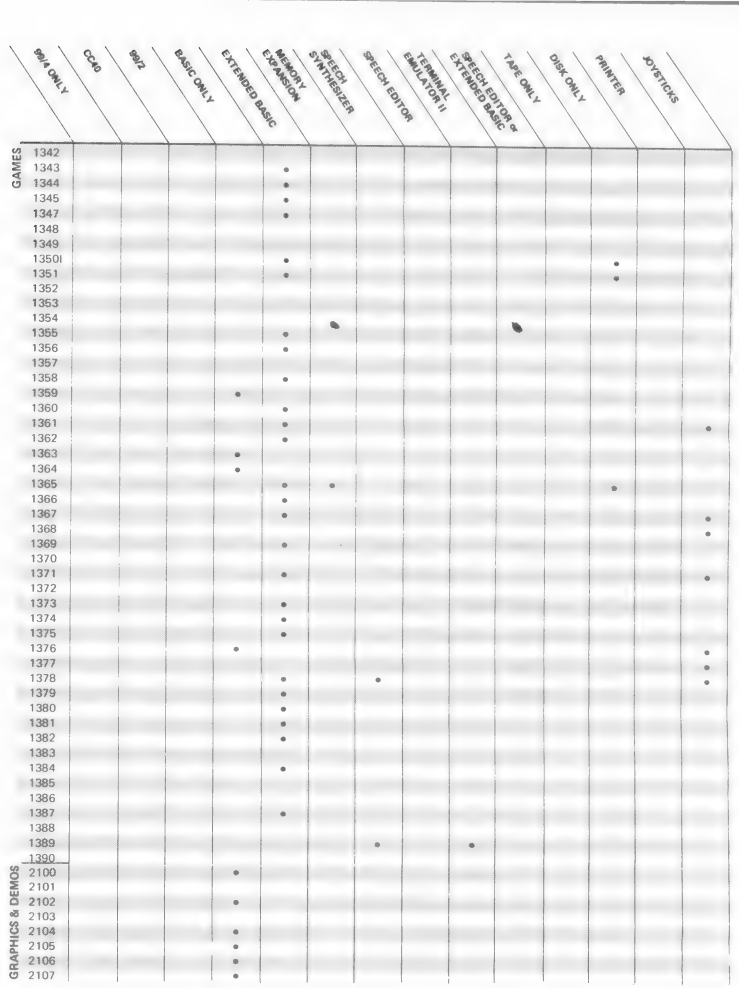
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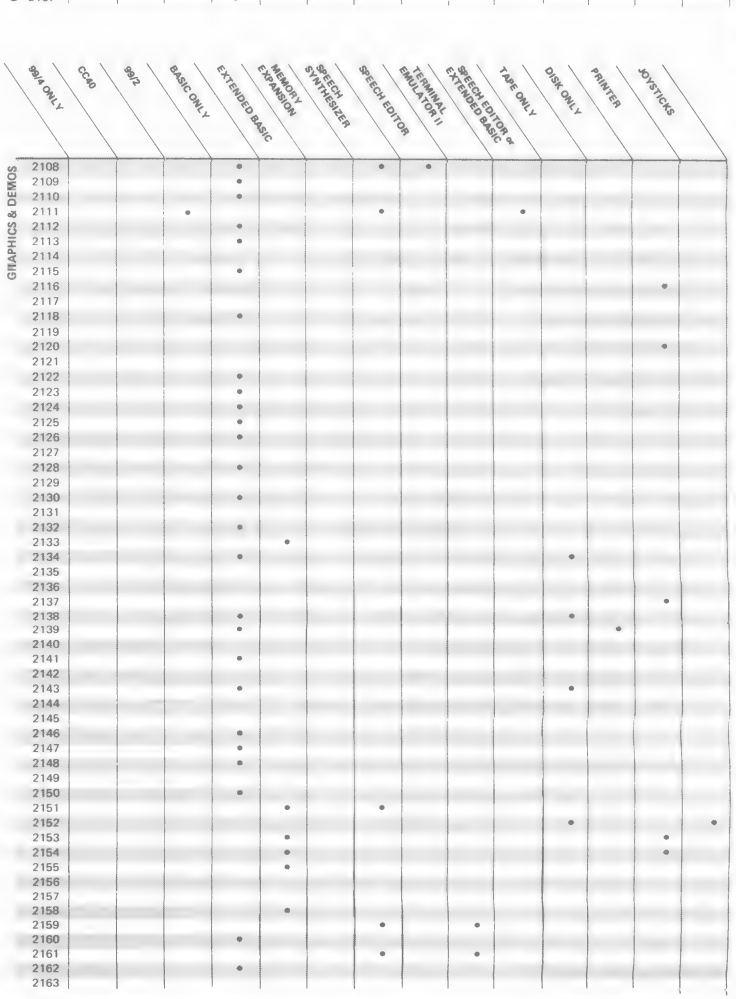
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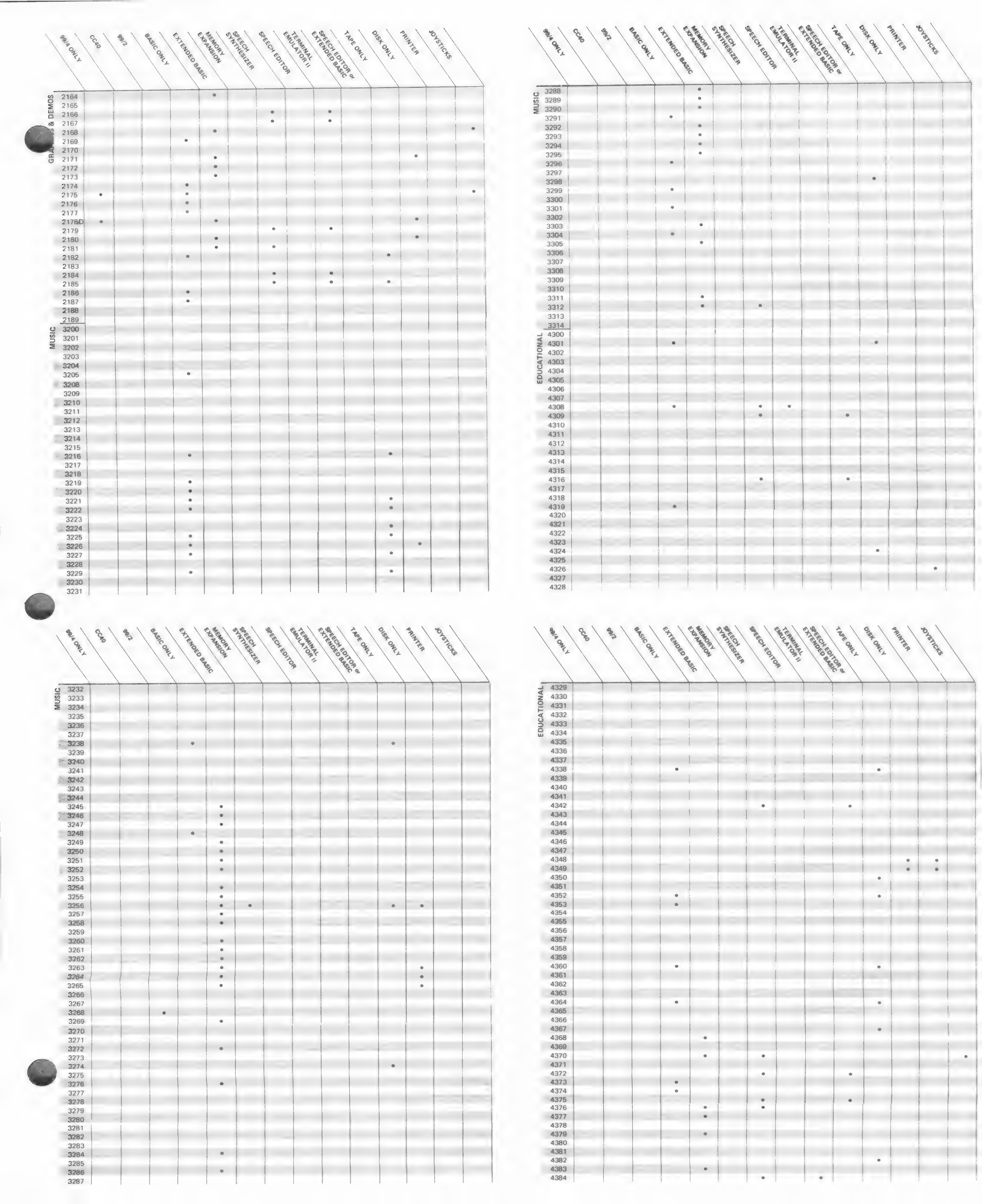
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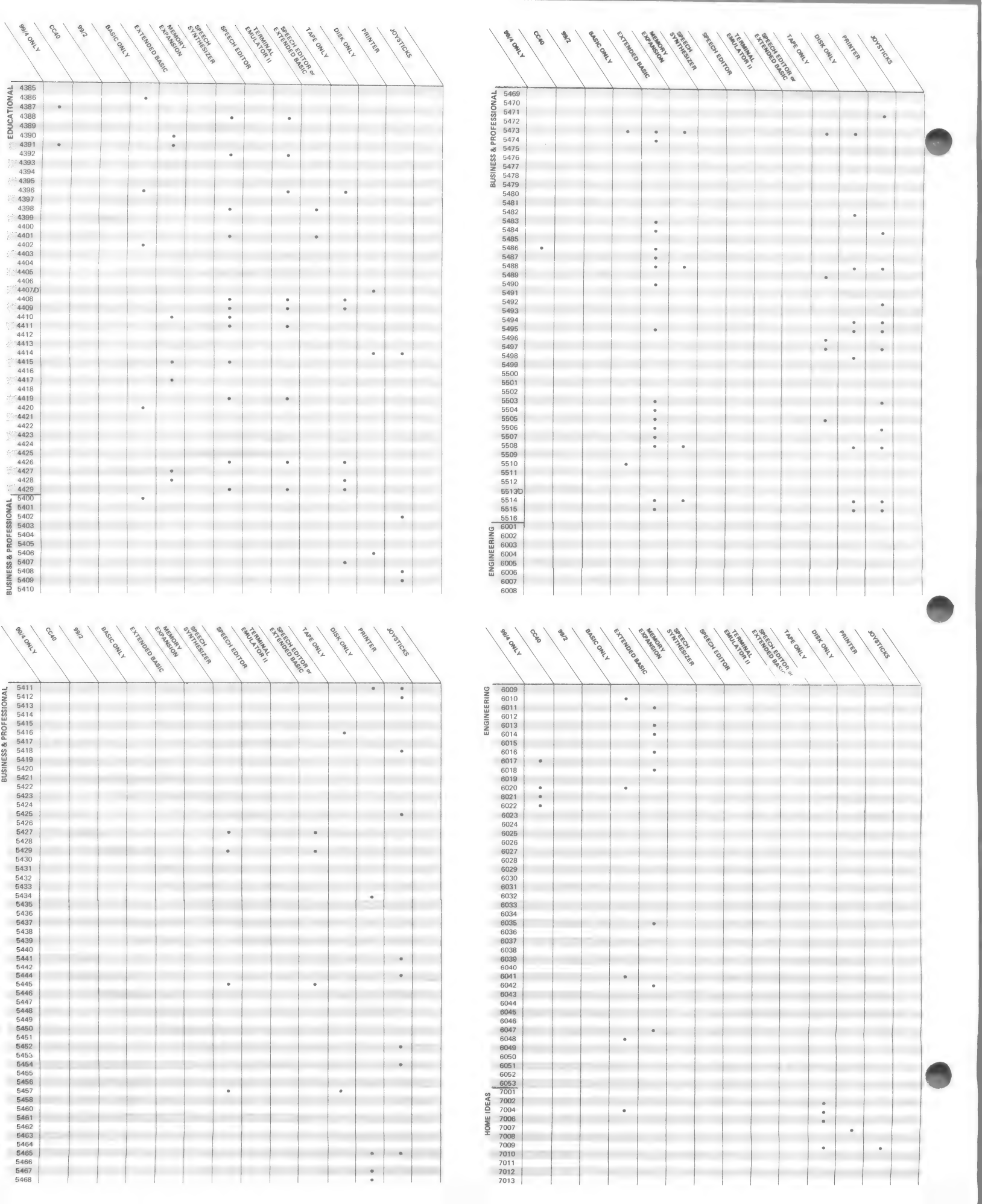
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	99/4 ONLY	CC40	99/2	BASIC ONLY	EXTENDED BASIC	MEMORY EXPANSION	SPEECH SYNTHESIZER	SPEECH EDITOR	TERMINAL EMULATOR II	SPEECH EDITOR or EXTENDED BASIC	TAPE ONLY	DISK ONLY	PRINTER	JOYSTICKS	
HOME IDEAS	7014														
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MISCELLANEOUS	8001														
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	99/4 ONLY	CC40	99/2	BASIC ONLY	EXTENDED BASIC	MEMORY EXPANSION	SPEECH SYNTHESIZER	SPEECH EDITOR	TERMINAL EMULATOR II	SPEECH EDITOR or EXTENDED BASIC	TAPE ONLY	DISK ONLY	PRINTER	JOYSTICKS	
MISCELLANEOUS	8065					•							•		
	8066					•							•		

	99/4 ONLY	CC40	99/2	BASIC ONLY	EXTENDED BASIC	MEMORY EXPANSION	SPEECH SYNTHESIZER	SPEECH EDITOR	TERMINAL EMULATOR II	SPEECH EDITOR or EXTENDED BASIC	TAPE ONLY	DISK ONLY	PRINTER	JOYSTICKS	
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